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September

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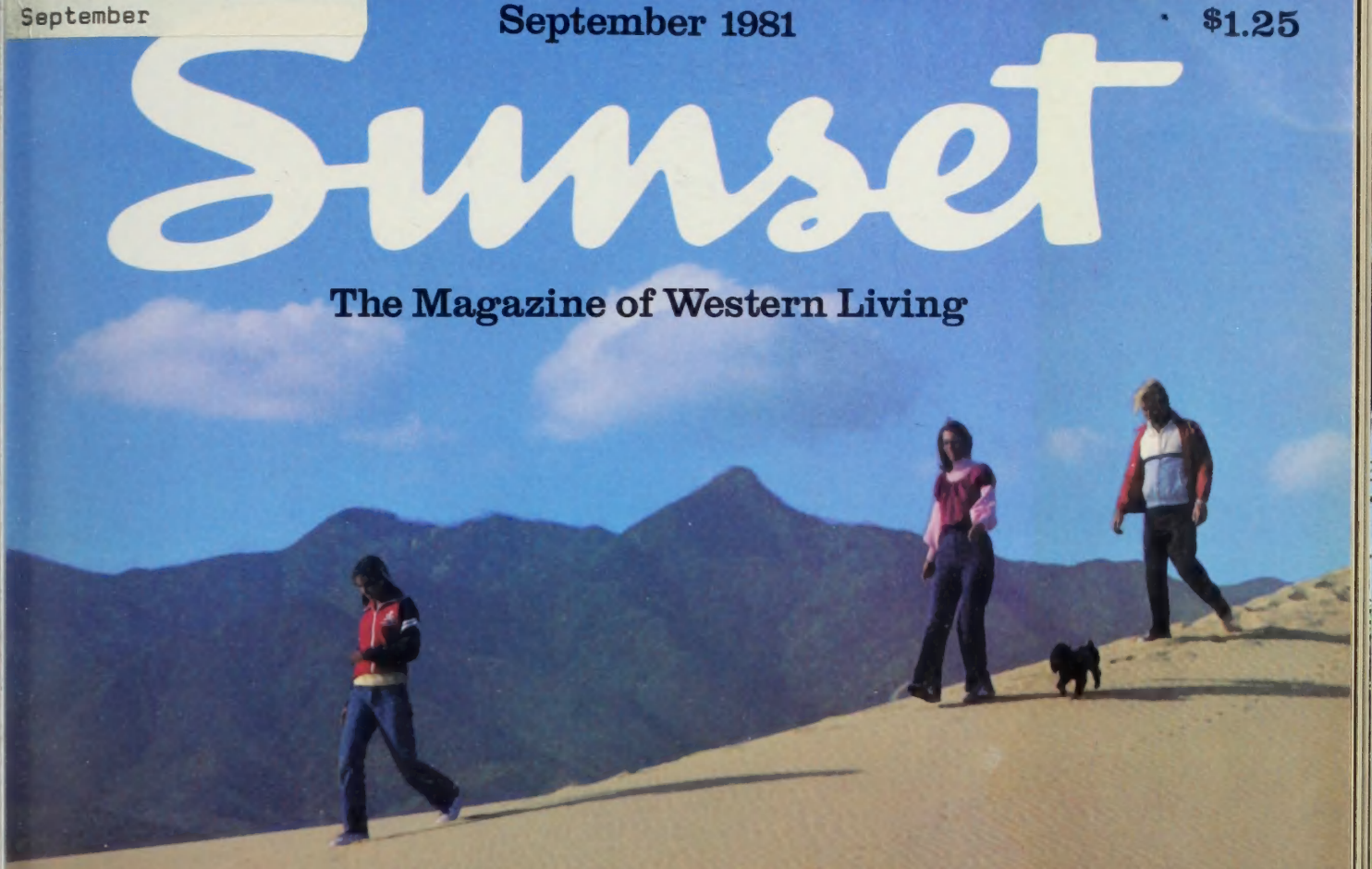
Sunset

The Magazine of Western Living



Mojave

Dunes, Desert, Caves, Cowboys...
California's New
National Scenic Area P. 58

From Your Garden:
Salad Greens with Bite P. 66

Winemaking at Home P. 78

Bringing Daylight
Kitchen P. 70

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Only Armstrong Designer Solarian® II could capture such richness of color, such depth of design.

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See Tiffany Square and the other remarkable Designer Solarian II floors at your Armstrong retailer, listed in the Yellow Pages under "Floor Materials."

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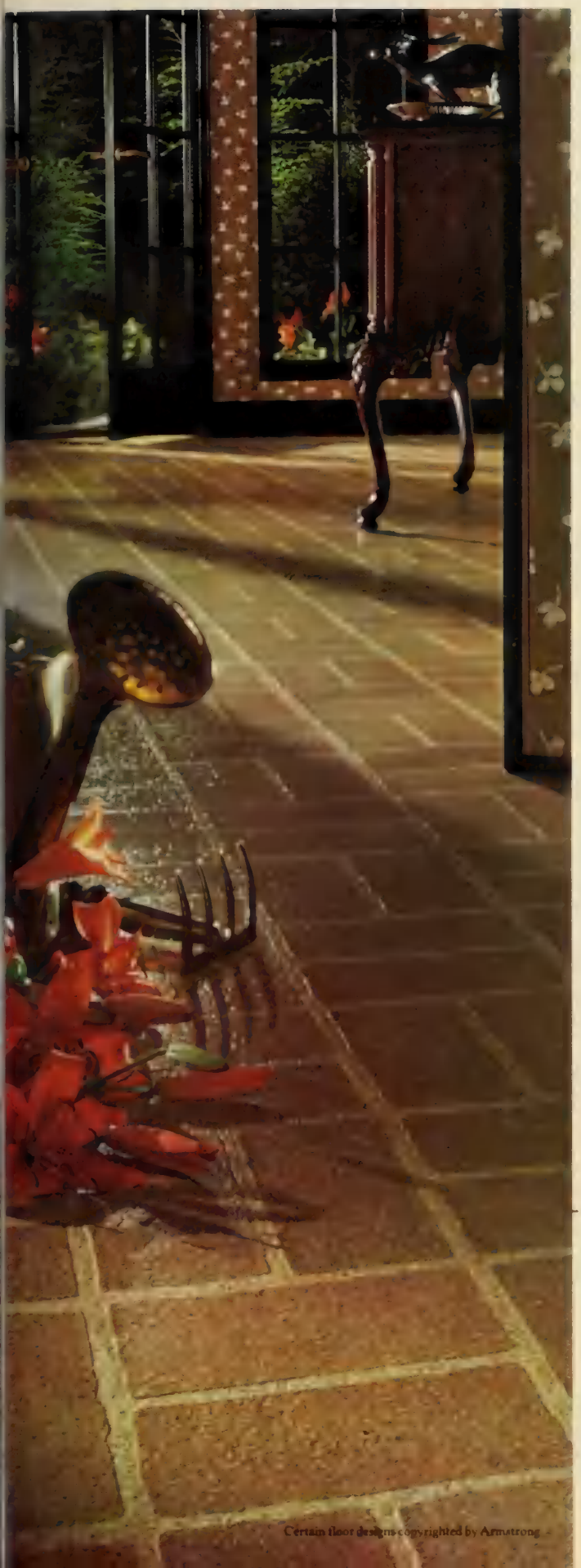
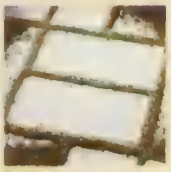


Introducing the new naturals in Designer Solarian® II.

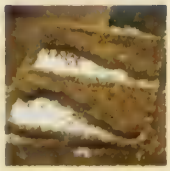
Quarry tile. Glazed tile. Brick. What could be more natural or more beautiful in a floor? And what could be nicer to come home to? Our new no-wax floors capture the warmth of these natural materials in our most realistic re-creations ever.

The richness of Inlaid Color™.

The remarkable realism begins with Inlaid Color — the exclusive Armstrong process that builds up the design with thousands of varicolored vinyl granules, creating a richness of color and a uniquely "crafted" look no printed floor can match.



Inlaid Color begins with the precise placement of vinyl granules onto the backing...



...gradually building up the design — color by color, shade by shade.

The pattern is fused into a solid inlaid vinyl, and then sealed with our Mirabond finish.

Natural surface texture.

Harland Court, Willow Lane, and Boston Common (left to right) look so real because they incorporate the subtle variations of brick and tile floors — right down to the natural irregularities and grout lines.

Natural satin luster.

For still greater realism, Armstrong developed a new kind of Mirabond® no-wax surface to re-create the soft glowing satin luster of brick and tile floors.

The extra-durable Mirabond surface resists scuffs and scratches, so it keeps its like-new look without waxing far longer than vinyl no-wax floors. Just sponge mop with detergent, and rinse well. Or better yet, use Armstrong Once 'n Done® No-Rinse Cleaner, developed especially for Solarian floor care.

See the remarkable new naturals in Designer Solarian II at your Armstrong retailer, listed in the Yellow Pages under "Floor Materials."

For a free color brochure, send in the coupon below. Or just call the toll-free Armstrong Consumer Line, 800-233-3823 (in Pennsylvania, call collect 717-397-0523).

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Sunset* The Magazine of Western Living*
THE PACIFIC MONTHLY *

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The Cover Story

Daily winds gently resurface Kelso Dunes with ripply designs that greet morning explorers. The dunes are only one of nature's delights that await visitors to the newly designated East Mojave National Scenic Area, introduced on page 58. Photograph by Don Normark.

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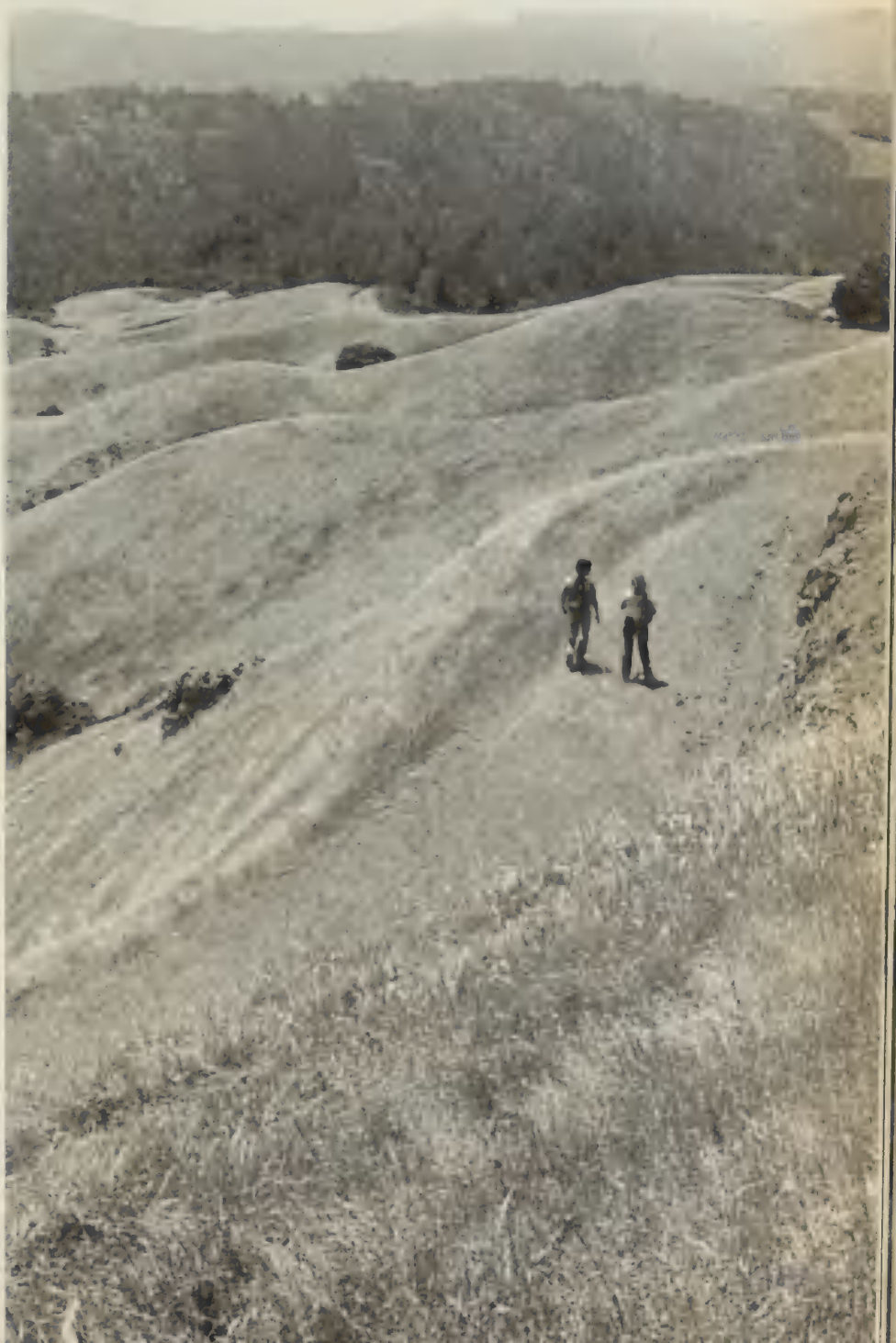
September travel . . . in and beyond the West

DAVID STUBBS

In a cathedral *of redwoods, you can picnic on the site of Samuel P. Taylor's old paper mill, now a state park. South facing slopes of Barnabe Peak offers sunny hiking to great views*



Sunny to shady hiking in Marin

Tucked behind the bony back of Bolinas Ridge, Samuel P. Taylor State Park in Marin is host to a hodgepodge of climates—often simultaneously. Sheltered from the summer fogs that often invade nearby Point Reyes, this park is usually sunny and its exposed trails are hot, yet down in its tall redwoods you find shade. And if it's cooling breeze and open views you want, you can hike up 1,466-foot Barnabe Peak.

Major construction work in the park this summer closed many of the campsites (some hikers thought the whole park was closed), but by this month, work should be finished and park operations back to normal. For Bay Area residents, it's a superb spot for a last-of-the-summer camping fling close to home.

For a small park, Taylor offers a range of activities. Its 2,700 acres are laced with 25 miles of trails through varied terrain—redwood groves, chaparral can-

Sunset *The Magazine of Western Living • September 1981*

GLENN CHRISTIANSEN

Harvest time *in Sunset's test garden: two kinds of mustard greens flank row of turnips grown for foliage. Garden editor Phyllis Anderson (center) and food editor Linda Anusasananan are joined by Sunset Books editor John McClements*

Growing greens in Sunset's garden lab

One way to think of *Sunset* is as a "laboratory of Western living." And this month's article on garden greens represents the results of successful experimentation.

To discover the growing properties and culinary capabilities of the greens, our editors formed an interdisciplinary lab team. Research began in our test garden. Out of 14 kinds planted, nine proved themselves. Into our test kitchen they went. Recipes for six salads emerged as did two soups (see page 142 for these).

To experiment with greens in your own home laboratory, see page 66. □

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yons, and grassy hillsides. A small swi- ming hole stays full enough throu summer for a cooling dip, and ther even a bit of fishing in a creek—mos small trout but fun for youngsters.

A self-guiding nature trail takes off n the main picnic area (free booklets park headquarters); along the 1-m loop, you'll cross Paper Mill Cre where Sam Taylor made paper for t San Francisco dailies in the 1850s.

Another hike takes you 2½ miles Barnabe Peak for grand views out Tomales Bay, a sprinkling of Ma lakes, and a slice of San Francisco B You can continue on Ridge Trail another 7½ miles back to the ma camp or double back down for a short return.

There are 65 campsites ($5 per nig plus $1.75 Ticketron reservation fee) a three big picnic areas under the re woods. Day-use fee is $2. Adults w plan to fish must have a license. T park is 11 miles west of San Rafa from U.S. 101, take the San Anselm Sir Francis Drake Boulevard exit west.

New guide to the coast from San Francisco to Santa Cruz

Along the San Mateo and Santa Cr coastline, the best beach days of the ye often come in September. Summer fo have cleared, the winds calmed, and t sun invites beach roaming. But if the te rain seems too familiar to offer disco eries, you might seek help in a new boo *Combing the Coast*, by Ruth A. Jacks (Chronicle Publishing, San Francis 1981; $5.95).

Exploring this slice of the coast, Jacks covers everything from butterflies back roads, pumpkins to picnickin You'll find some surprises: a candle fa tory in Half Moon Bay, an earthquak fault on a beach, eel fishing at Pescader

The 112-page paperback is illustrate with photographs and maps. It's avai able at Bay Area bookstores.

A patchwork of quilts in Denver

One of the largest collections of quilts i the West (over 300) is housed at th Denver Art Museum, and now throug January you can see a special selectio from the collection—30 quilts, all o whose themes draw on nature. You'll se such aptly named works as "Ohio Rose, "Indian Paint Brush," and the "Rock Road to Kansas."

Some of the works date back to the tur of the century, using only natural ind go and vegetable dyes. To learn more abou quilts, you can buy a copy of the 144 page paperback *Quilts and Coverlets* b the museum's quilt curator, Imelda G DeGraw (Denver Art Museum, 1974 $6.50, $9 postpaid). It's available fro the museum, 100 W. 14th Ave. Park-

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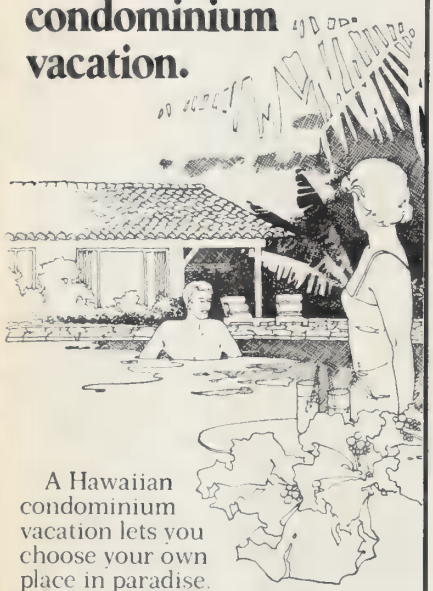

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Museum hours are 9 to 5 Tuesday and Thursday through Saturday, 9 to 9 Wednesday, and 1 to 5 Sunday. Admission is free.

Sourdough Days at Sutter Creek, September 5 to 7

The gold country town of Sutter Creek hosts its 10th annual Sourdough Days September 5 through 7, and this year for the first time you can take an hour's tour of the above-ground buildings of the nearby Kennedy Mine. Gold worth millions once poured from shafts, now filled with water, which extend a mile into the earth. You'll see the powder house, stamp mill, and change house; the cement house, the main building, is completely refurbished. Tours run hourly between 9 and 6. For information and required advance tickets ($5), write to Sourdough Days, Box 305, Sutter Creek, Calif. 95685, or call (209) 223-0151.

But there is more than a tour of the mine. Activities center on the Sutter Creek Auditorium on Main Street, where more than 40 craftsmen will display their wares; you'll see pottery, weaving, tatting, and demonstrations of sourdough bread making. Homemade breads, jams, and hand-sewn items are for sale at the country store. Upstairs, gold rush photographs, relics, and memorabilia are displayed. Antique toy and quilt exhi are nearby.

Behind the auditorium, Charlie Red. Mother Lode minstrel, will be te old tales and singing folk songs. Sa day at 4:30 you'll see clog dancin lively auction begins at the Native S Hall at 6. You can enjoy a homem ravioli dinner at the Immaculate C ception Parish Hall on North An Street from 5 to 8; buy your $5 din tickets at the door earlier in the day.

If you visit on Sunday you'll see Jackson Claimjumpers give a sq dance demonstration at 4 P.M. N tours and events in the auditorium tinue through Monday.

You'll enjoy exploring the shops and is toric buildings of Sutter Creek; Jack Volcano, and other charming towns nearby. At the Amador County F grounds in Plymouth, you can se Morgan horse show Saturday and S day and a multimedia art exhibit sale all weekend. Here also is Fron town with its ¾-size wooden stree çade. Sunday at 6 P.M., you can roping events at Howard Park in Io

From State Highway 99 just north Stockton, take State 88 east to State Sutter Creek is a few miles north.

For help with accommodations, ca write to the Amador County Cha of Commerce, Box 596, Jackson, C 95642; (209) 223-0350.

For travel planners, a September 1981 check list

First class in Italy. Escorted tours of 9 and 16 days go to the north; the south and Sicily; Rome; or Rome, Florence, and Venice. Cost of $1,590 for 16 days includes lodging in first-class hotels, breakfasts, dinners, the possibility of seeing the Pope, motorcoach travel, gala dinner in a villa, round-trip air fare from New York. An extra $110 (round-trip) pays for an airplane sleeper seat, when available. Tours depart frequently April through October; they may also be offered this winter. Write to Perillo Tours, 30 N. William St., Pearl River, N.Y. 10965; (800) 431-1515.

Orchids in Costa Rica. Eight-day tours include overnights in a San José hotel and four days of sightseeing (bus tours to Poás Volcano and a tropical park, cruise to Pacific islands, narrow-gauge train ride). Cost of $371 double occupancy also covers some meals. Optional extras: dinner-dance in a country restaurant, whitewater raft trip, and coffee plantation tour. See your travel agent or write to Pathfinder Tours, 42 N.W. 27th Ave., Miami 33125; (800) 327-4250.

Extended vacations. Programs geared for over-50 travelers offer stays from 2 to 25 weeks in apartments (no meals) or hotels (breakfasts) in Europe, Florida, Hawaii, Mexico, and Tahiti. For example, two weeks in an apartment on Spain's Costa del Sol costs from $60 per person, double occupancy, includin air fare from New York; two weeks in Montmartre apartment costs fro $1,305 per person, including air far from New York. For details, write t Grand Circle Travel, 555 Madison Ave New York 10022; or call (800) 221-2610

New train passes in Japan. Through travel agent or from Japan Airline ticket offices outside Japan, you can bu vouchers for unlimited rail passes, firs class or regular. Cost for 7 days is 21 000 and 30,000 yen; 15 days, 33,00 and 48,000 yen; 21 days, 44,000 an 64,000 yen (one dollar is about 220 yen)

Fishing in Kiribati. With more than 3 islands straddling the equator, the ne republic of Kiribati offers a five-nigh fishing package on Christmas Island $749 includes meals, accommodations air fare from Honolulu. Other package include the atolls of Tarawa and Abe mama. Write to Air Tungaru, 3049 Ua lena St., Honolulu 96819.

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Sunset School & Camp Directory

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beginning page 12

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beginning page 140

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beginning page 185

SHOPPING CENTER
beginning page 188

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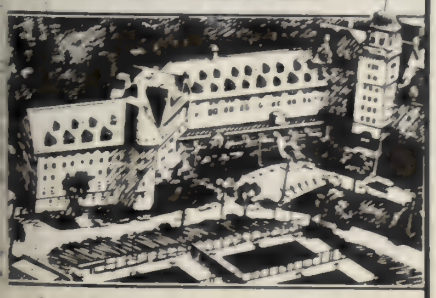

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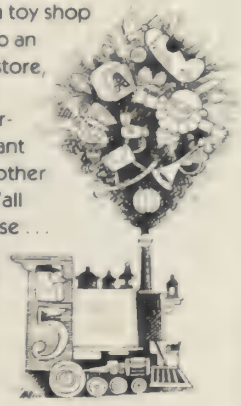

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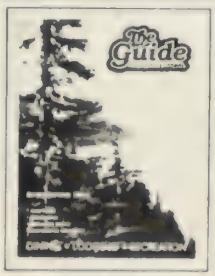

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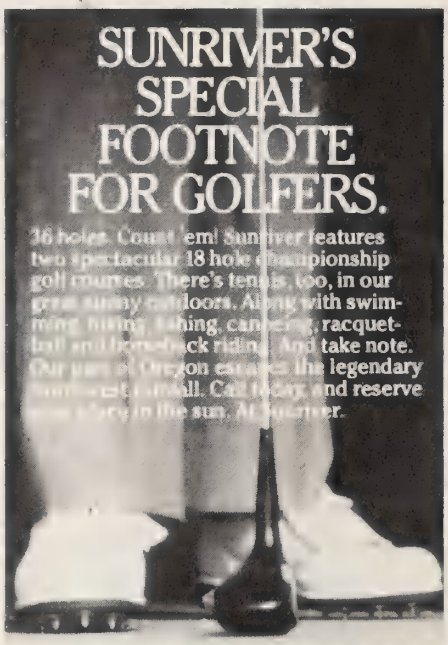

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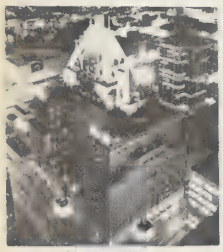

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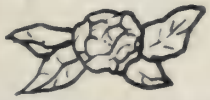

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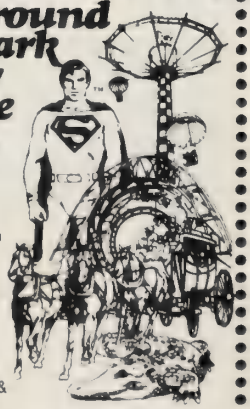

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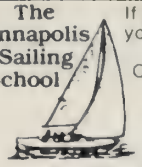

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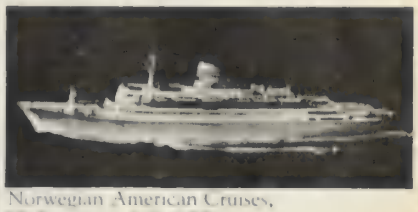

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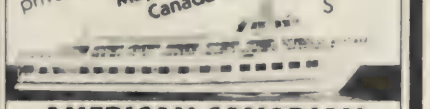

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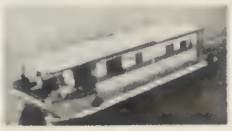

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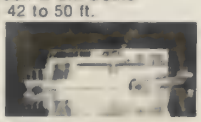

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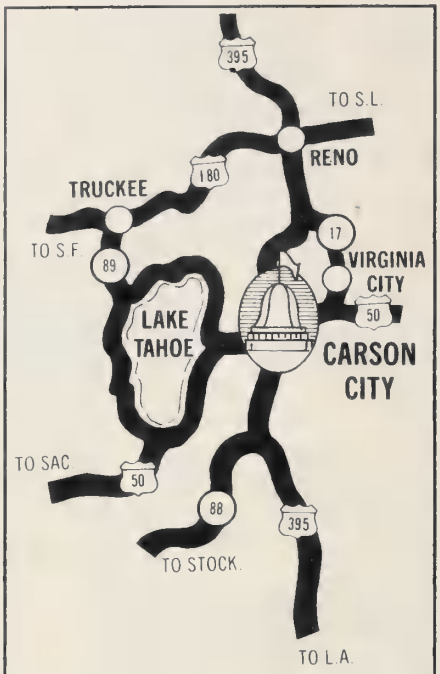

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ks, engravings, maps, and tape-re- ed tours help create a cohesive pic- of Forum life. Since no one knows tly what the Forum looked like, bisch concedes that some details re- ed "sheer artistic license."

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collection is on the sixth floor of nard Library at the southern edge of pus. Admission is free. By special ngement, tours are available for ps of eight or more. Pay parking vailable at west side of campus, off e Merced Boulevard. Call (415) 469- 9, for more information. □

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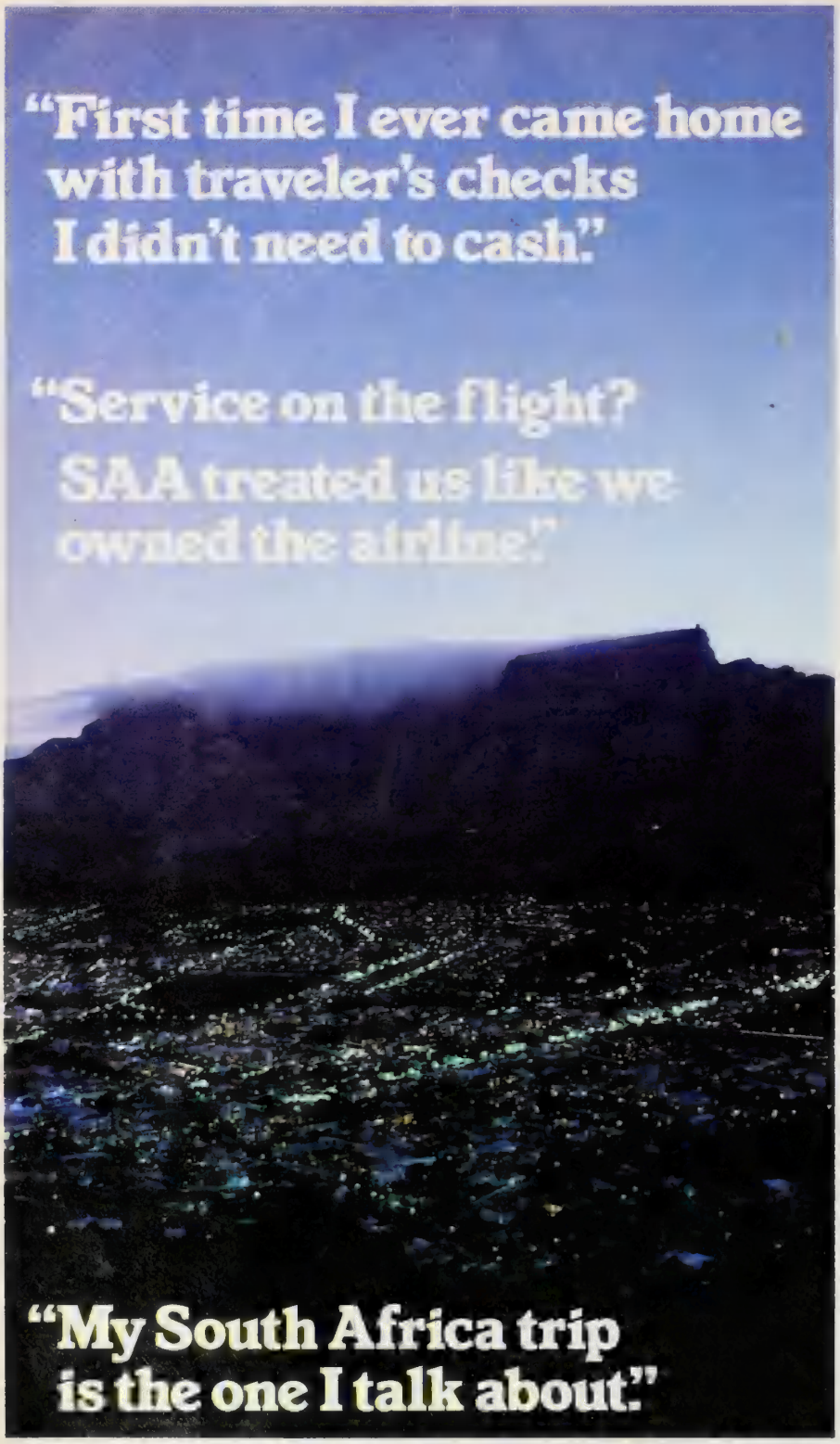

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DON NORM

Caravan heads west *across high desert near the Mojave Trail—target for major volunteer project next month*

Out to Mojave with a group

Prospectors and scientists have b prowling the eastern Mojave Des seeking its mineral riches and study its marvels for years. But until recen few guided expeditions for layn probed this remote high desert. Tod opportunities to explore the newly ated East Mojave National Scenic A (see page 58) are increasing. And even have a chance to volunteer some trailblazing.

A number of conservation organizati based in Southern California (listed page 29) sponsor at least one camp trip a year to the eastern Mojave. T are guided by members who are kn edgeable about the area's birdlife, any, geology, archeology, or hist Nonmembers are welcome to c along. Usually a meeting place and t are selected; you'll have to get there your own and bring all your own s plies. Outings with 50 or more vehi need a permit from the Bureau of L Management (address on page 29).

Volunteers sought for work on the Mojave Trail

In addition to these outings, a grou volunteers calling themselves Friend the Mojave Road (the name is still tive), will spend at least three week in the desert between October and cember on a major volunteer trailbu ing effort. Headed by historian De Casebier, author of a half-dozen b on history of the Mojave Trail called Old Government Road, and cated on the map on page 61), the teers will begin field research for a gu

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Organizations that are planning fall, vinter, or spring outings to the East Mo-ave are listed below. Be sure to include stamped, self-addressed envelope with ll queries.

ierra Club chapters lead trips

Desert Committee, Sierra Club, c/o Linda Vade, 2410 W. Beverly Blvd., Suite 2, Los ngeles 90507. Ask for the list of os Angeles Chapter outings to the East Mojave and for the schedule of Desert Committee study trips, designed to review onservation issues in California's deserts.

an Diego Chapter, Sierra Club, 1549 l Prado, Balboa Park, San Diego 92101; 714) 233-7144. A November trip is lanned; write or call for dates, destination.

an Gorgonio Chapter, Sierra Club, Trip Chairman, 1690 N. Second Ave., Upland, Calif. 91786. Several winter-spring outings re planned; write for a schedule.

Other groups offering Mojave outings

California Native Plant Society, 320 Maravilla Dr., Riverside, Calif. 92507. The ociety schedules plant study trips to the East Mojave.

Citizens for a Mojave National Park, Box 06, Barstow, Calif. 92311. This group which supports the national scenic area esignation, but still thinks national park tatus would offer better protection) plans a najor three-day outing there at Easter time n April 1982.

Desomount, a conservation and camping roup, plans an Easter 1982 trip. Write to Dorothy Levy, 6207 Village 6, Camarillo, Calif. 93010.

an Bernardino Valley Audubon Society, Outings Chairman, Box 5051, Riverside 2517. On October 17 and 18, a field trip vill meet 8 A.M. at Mid Hills Campground see map on page 61). At least 10 aturalists will accompany groups which vill fan out into the East Mojave. Bring ou own food, camping gear, cooking fuel, nd water.

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Audubon etching *of peccary, First Folio of Shakespeare, and ancient Chinese scroll are among state library holdings*

Treasures at two state libraries

When the 1906 fire raged through San Francisco, Dr. Emma Merritt, daughter of former mayor Adolph Sutro, rescued the 1623 first edition of William Shakespeare's *Comedies, Histories, and Tragedies*. Although the fire destroyed half of Sutro's rare book collection, the remainder—as well as numerous remarkable works acquired later—now lines the shelves of the California State Library in Sacramento and its only branch, the Sutro Library in San Francisco.

You can study at the two places or, if you know what book you're looking for, you can borrow nonrare copies from them through your local library.

Both libraries own a variety of rare books, maps, photographs, and original manuscripts. Among these are the hand-colored bird and mammal books of John James Audubon. The Sutro Library contains a collection of Hebrew and Judeo-Arabic books and manuscripts dating to the 14th century, as well as the highly valued Mexican pamphlet collection, which includes a signed copy of Mexico's 1814 constitution.

Both also offer resources for genealogical studies. Up to 20,000 people a year use the continually updated files to help research their ancestry. The California State Library holds California records from census reports, directories, registers of voters; the Sutro Library contains out-of-state records.

Sacramento. The California State Library got its start in 1850 in San Jose (then the capital), when John C. Frémont donated a hundred books. Now the Sacramento headquarters specializes in California history from 1542 on, including books, pamphlets, newspapers, magazines, postcards, bumper stickers, and 185,000 volumes of treaties, court reports, codes, and legal periodicals.

At Ninth Street and Capitol Mall in Sacramento, it is open 8 to 5 Monday through Friday.

San Francisco. One of the Sutro Library's treasures is the 10,000-piece Sir Joseph Banks Collection. Banks sailed with Captain Cook on his first voyage to the Pacific and made many other expeditions. One piece in the collection is a drawing of the *Bounty* by William Bligh showing where his ill-fated cargo of breadfruit should be stored.

The Sutro Library, at 2495 Golden Gate Avenue on the University of San Francisco campus, is open 10 to 5 Monday through Friday.

A free pamphlet describing especially noteworthy items, *Fifty Treasures of the California State Library*, is available at both libraries. □

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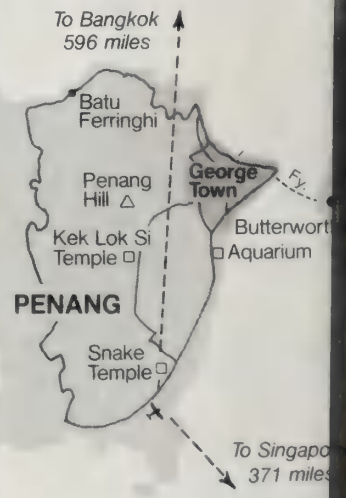
THOMAS HOLDIM

Fishing boats *lie at anchor in rocky cove near Batu Ferringhi*

Cooing pigeons *and singing birds sway in airy cages at George Town bird market*

Beach stopover off the Malay Peninsula . . . it's Penang Island



Penang Island, off the Malay Peninsula's west coast, makes a fine two-day side trip for travelers to Bangkok or Singapore. Served by convenient daily flights from Bangkok, Kuala Lumpur, and Singapore, it offers refreshing contrast to the congestion of large cities.

You could easily spend one day exploring George Town's large Chinatown and another day seeing temples, beaches, and countryside elsewhere on the island. Signs are in English, and most Malaysians have some understanding of the language.

You might stay at one of the newer beach hotels at Batu Ferringhi on Penang's north coast several miles west of George Town. The sea here, while not sparkling clear, is warm yet refreshing; beaches are white sand. Other hotels are on Penang Road, George Town's main shopping street, where you can buy electronic products, batiks, and handicrafts from all over Asia.

George Town's Chinatown

A walk through Chinatown is pleasant. Or take a trishaw (be sure to set the price first). Along Campbell and Chulia streets and the connecting lanes, you'll

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shuttered shop-houses laden with Chinese goods. Visit the Khoo Kongsi clan house near Cannon Square to see its ornate dragon roof.

You can get a snack or a meal at one of the numerous tiny open-air food stalls. Or dine on satay (barbecued meat with peanut sauce), laksa (noodles in fish soup), curry kapitan (chicken with onions, chilies, ginger), or other local dishes. In the evening, visit the colorful night market, Pasar Malam, for trinket shopping—check the newspaper, since the location changes every two weeks.

Island exploring: views and temples

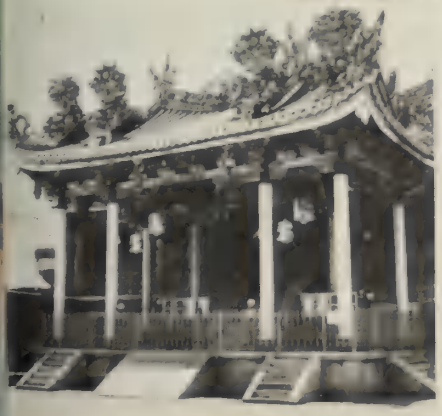
Local bus service is adequate for a day of island exploring. But if you're willing to try driving on the "wrong" side of the road, you can rent a car and go at your own pace, stopping at the island's quiet beaches as you choose. A 50-mile drive circles the island; marker stones tell you how far you are from George Town. You'll see small Malay villages with their tidy houses raised on stilts, and enjoy grand vistas of jungle, field, and ocean.

Another popular destination is 2,700-foot Penang Hill. A funicular railway jerks slowly up the steep grade. From two stops along the way, cool-looking paths disappear into forests and private gardens. On top, hotel and restaurants allow a leisurely stay to view the town and port below.

Another interesting stop is Kek Lok Si, with its gardens and "10,000 Buddhas Precious Pagoda." At the "snake temple," the Temple of Azure Cloud, green vipers entwined in branches and on altars and tables are lulled into a stupor by burning incense. Back in George Town, at Wat Chayamangkalaram's meditation hall on Burmah Lane, you can meet a 108-foot-long reclining Buddha—third largest in the world.

For more help in planning a Penang stopover, write to the Malaysian Tourist Information Center, 600 Montgomery St., San Francisco 94111. □

THOMAS HOLDIMAN



Dragon roof *at Khoo Kongsi perches over lanterns. Lacquer colors the carvings*

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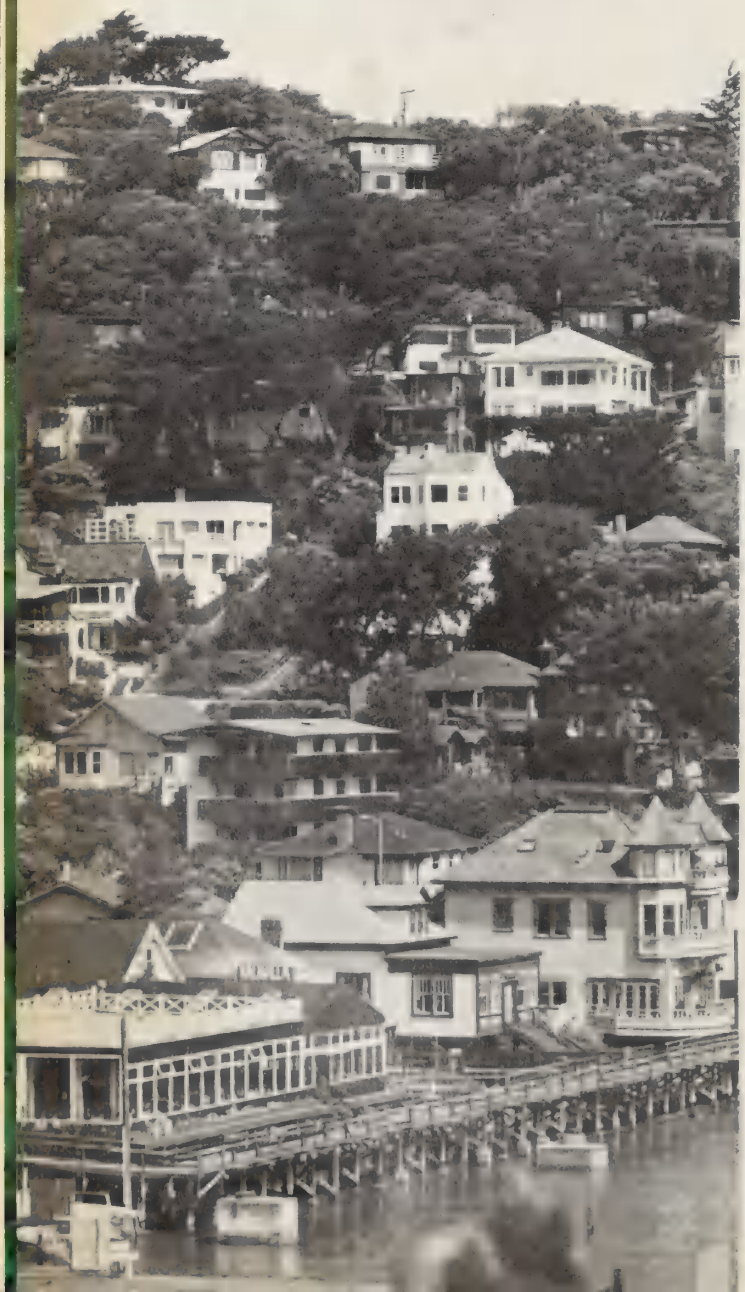
Central District *at El Portal and Bridgeway gets jammed with visitors by midday*

Old boardwalk *along Sausalito's south front borders historic row, Valhalla to Castle by the Sea. Hillside jumble overlooks the Bay*



Pedestrian *lane runs alongside Bulkley Avenue, named for surveyor who laid out town in 1868*

GLENN CHRISTIANSEN

Stick-style detail *marks Victorian Casa Verde on Bulkley Avenue, where greenhouses once grew flowers for San Francisco markets*

Waterfront lawns *near Dunphy Park gazebo invite a picnic stop on a grassy mound or on a bench. Park has boccie and volleyball courts*

The Mediterranean charm of Sausalito may seem like a myth to visitors who drive at snail's pace along its traffic-jammed, boutique-filled main street on summer weekends. But those who go on foot and venture a bit away from the tourist haunts will find it a town of uncrowded secret lanes, interesting landscapes and architectural details, and—always—views of the Bay and of San Francisco just 5 miles away.

September is a good month for a Sausalito walk: the weather is mild and clear and there are fewer tourists after the Labor Day weekend. We've mapped out (see next page) a pleasant 2½-mile loop with optional short-cuts that involves only a couple of slight hills. Walking time is less than 2 hours, but you should allow a half-day for the experience. Carry a picnic lunch or buy one in town; there are many inviting picnic spots along the way.

You'll find Sausalito less crowded if you come on a weekday or begin your walk by 8:30 on a weekend morning. From San Francisco, take a Golden Gate ferry or bus; call (415) 332-6600 for schedules. Or drive and park in one of several city lots near Plaza Viña del Mar (**1**) on our map); 2-hour street parking is strictly enforced. Our walk begins at the ferry landing between El Portal and Bay streets.

Walk north along the waterfront through Gabrielson Park (**2** on the map), where there are benches and lawn for relaxing. Continue through the boat yard toward Sausalito Yacht Sales and Chandlery. Tied up along the docks are yachts in transit from all over the world. Follow the dock to Johnson Street (not marked here, but look for Flynn's Landing) and turn right on Bridgeway.

Four blocks north, turning its back on Bridgeway to face the Bay, is Dunphy Park (**3**); here you'll find grassy waterfront picnic spots, a gazebo, play equipment, and a small sandy beach (also primitive public toilets).

Up Bee Street just past Caledonia Street is Sausalito's Civic Center (**4**), once a high school. Here the town's colorful annual Art Festival will take place September 5, 6, and 7 (hours are 10 to 6 each day; admission is $2 general, $1 children and seniors). Music performances and food sales will accompany the fine arts exhibition.

On the second floor of the Civic Center is the Sausalito Historical Society (open 10 to 4 Monday, Wednesday, and Saturday), with town memorabilia and paintings by Sausalito artists of the 1950s.

Caledonia Street, which runs parallel to Bridgeway, has been designated "resident-serving" by town planners. Lining the street are various shops, including Waterstreet Co., a hardware store that has everything and resides in a former Victorian schoolhouse.

From Caledonia head uphill on Turney (it's only a slight grade) to Girard Avenue; The Bowers (**5**), a carpenter Gothic Victorian farmhouse at the southwest corner, was built in 1869 by Senator James Gardner and is the oldest house in town.

Follow Girard across Pine (not marked) and Johnson/Glen Drive, then enter the narrow lane (marked "Do Not Enter"

for cars) at the left of Glen Drive; notice the pink stone wall; this rock, once quarried locally, appears all over Sausalito.

Across the next intersection, you pick up Bulkley Avenue, where you ramble for about ¼ mile. On your left you'll see the Italianate Casa Madrona (**6**), built in 1885 as a private residence and converted into a hotel about 1902. Across Bulkley is the 1890 Casa Verde (**7**), a private residence. In this area, called Sausalito's banana belt because it escapes the fog, flowers were grown for sale in San Francisco. (If you've had enough walking, you can return to Bridgeway via one of three lanes: El Monte, Excelsior, or Reade. Reade becomes very narrow, and you squeeze between buildings to get to Bridgeway.)

On Bulkley at Excelsior is the Alta Mira Hotel (**8**), a Spanish-style building perched on the hillside; on weekends you'll need reservations for its open-air brunch. Next to Excelsior Lane, Queen-Anne-shingled Laneside (**9**) was built in 1892. The brown-shingle First Presbyterian Church across Bulkley (**10**) was designed in 1909 by Ernest Coxhead. Notice details such as the arch of saw-toothed rows.

Cross Princess Street (named for the first Sausalito to San Francisco ferry boat) and just down Princess on the right take the stairs marked as a pedestrian lane; they lead to a concrete sidewalk (it becomes a gravel lane) that keeps to the left of Bulkley Avenue. You'll catch glimpses of the Bay between handsome brown-shingle houses. At lane's end and across Bulkley, rest at Poet's Bench (**11**), with its etched lines by Sausalito poet Daniel O'Connell, and enjoy another magnificent view.

Atwood Avenue takes you into Josephine Street. Then you descend to Bridgeway by the North Street stairs (to find them, look for the number 201 on the right pillar). At the base of the stairs, turn right into Tiffany Park (**12**), where the Bay view is completely unobstructed. Cross Bridgeway and head south toward the old boardwalk.

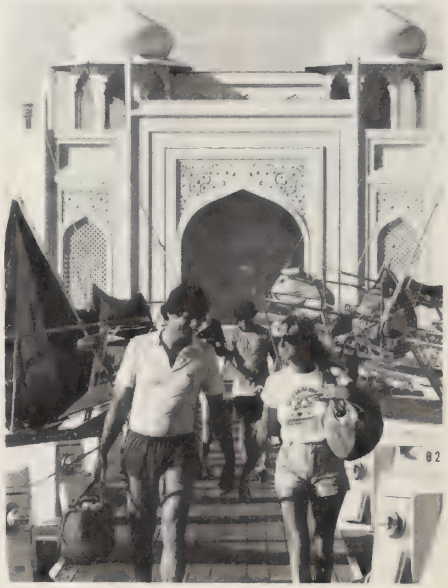
First boardwalk building is "Castle by the Sea" (**13**), where local legend persists in saying that Jack London wrote *The Sea Wolf*. At the south end of the boardwalk is Sally Stanford's Valhalla (**14**)—the oldest continuously operating restaurant in Sausalito, built as a German beer garden in 1893. Return along the boardwalk to Bridgeway.

Al Sybrian—a member of Sausalito's art colony—created the sea lion sculpture (**15**) you see in the water on your right as Bridgeway curves in toward town; waves wore away the 1958 concrete original, so the present version was cast in bronze in 1966.

William Randolph Hearst wanted to build his castle on the hillside opposite (**16**) and got as far as the foundation before he decided to move elsewhere. The foundation now supports a modern house designed by Joseph Esherick.

Downtown Sausalito—stretching along Bridgeway from Ondine restaurant to Village Fair and up Princess Street—has just been certified by the Secretary of the Interior as a historic district. It's a collection of small two-story commercial buildings originally constructed as street-level shops with living quarters above. The roof lines and upper windows of many buildings retain architectural details of the 1890s.

Closing your journey's loop, you pass the Mission Revival-style Sausalito Hotel (**17**) overlooking Plaza Viña del Mar, a park site given to Sausalito by the North Shore Railroad in 1904. Here, rail passengers disembarked, then transferred to the ferry for San Francisco. The fountain and ornamental twin elephants are relics of the 1915 Panama-Pacific International Exposition.



GLENN CHRISTIANSEN

Floating fantasy *known locally as "Taj Mahal" is a houseboat tied up at Sausalito Yacht Harbor*

Whitehall rowboat, *paintings by Sausalito artists, and turn-of-the-century pictures are part of historical society collection*

17 stops on the Sausalito walk

Walking tour *takes you on streets marked by dotted line; numbers show points of interest along the way. Green-shaded area near ferry landing is new historic district*

1. Plaza Viña del Mar
2. Gabrielson Park
3. Dunphy Park
4. Sausalito Civic Center
5. The Bowers
6. Casa Madrona
7. Casa Verde
8. Alta Mira
9. Laneside
10. First Presbyterian Church
11. Poet's Bench
12. Tiffany Park
13. Castle by the Sea
14. Valhalla
15. Sea lion sculpture
16. Hearst's castle foundation
17. Sausalito Hotel

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DAVID FRANZEN

Helping *hand from instructor (above) gives her proper grip, but flight of wooden spear still goes awry*

Body English *helps, but stone disc used in 'ulu maika game rolls just wide of the mark*

Black and white stones *on lava konane board are still jumped from their holes in challenging game of strategy once played by Hawaiian royalty*

Having a fling at Hawaiian games . . . on Oahu

"Space Invaders" aside, the most durably popular games tend to be simple enough to be easily learned, yet as demanding as a player's skill permits. Hawaiians knew this long before the Europeans arrived, and they've developed hundreds of sports and games to challenge players of all ages.

In Waimea Falls Park, on the north shore of Oahu, you can try some of these exercises at a new Hawaiian Games Site. Instructors explain how the ancient games were played, then help you get started on one of a dozen different activities.

Set in a large grassy meadow in the upper area of the park, the site has several playing areas. The largest is for games of skill, which include dart sliding, kukui-nut top spinning, disc rolling, and rock balancing. One spot contains several lava-rock "boards" for *konane,* a type of Hawaiian checkers.

This year, the park will celebrate the Hawaiian Makah Festival on October 3 and 4 with two days of Hawai games. Local athletes will demonstrate and compete in b ing, wrestling, spear fencing, and foot races, while spectat can join in tamer contests. A traditional crafts fair, h dancing, and Hawaiian food will fill out the celebrati

Waimea Falls Park is primarily a private botanical prese featuring rare native Hawaiian plants and exotics fr around the Pacific. A shuttle goes from the entrance past games site to a waterfall pool. The park is open daily fr 10 to 5:30; admission is $4.50 for adults, $2.50 for child ages 7 through 12. It's an hour's drive from Waikiki.

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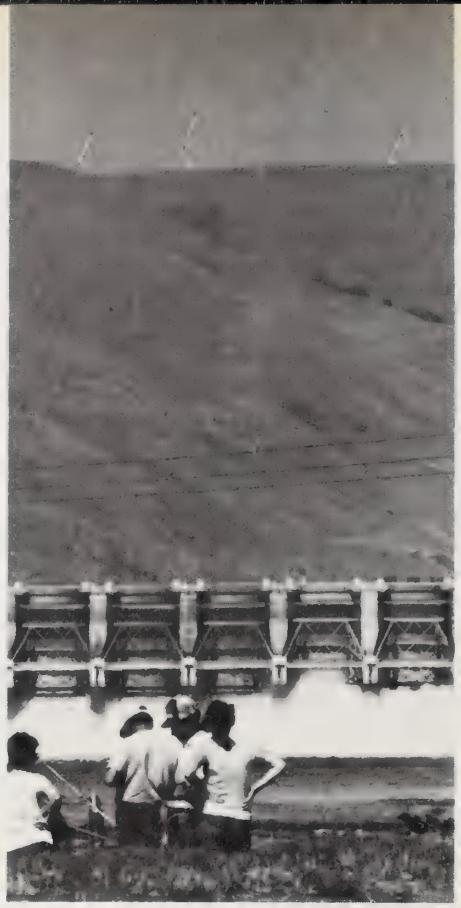

JOEL W. ROGERS

Propeller-like rotor blade *(left) sweeps from wind turbine tower. From The Dalles Dam site (right), you can see three turbines rising over Goodnoe Hills*

"Wind farm" east of Portland. Others will be coming to the Wes

Like sleek sentinels overlooking the C lumbia River, three giant wind turbin are harbingers of change on the Wes energy frontier. Because they're t three largest operating in any single loc tion, this is the world's first wind ener "farm."

The three tall landmarks are clearly v ible to travelers on Interstate 84 alo the Columbia River east of The Dall For a close-up look, you can make t 30-minute detour north from I-84 v U.S. 97 to the Goodnoe Hills Wind Ge eration site, where visitors are welcom

The three "Mod-2" turbines (dedicat in late May) were designed and built the Boeing Company with federal fun from the Department of Energy. NAS is supervising testing, and the turbin

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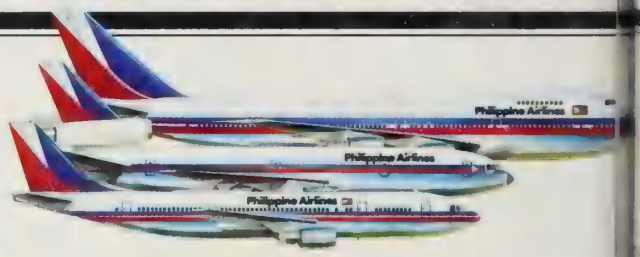

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e operated by the Bonneville Power lministration (BPA).

ch turbine can produce up to 2.5 egawatts of electricity (all three could nerate enough to heat and electrify ore than 2,000 homes). But the big bines are still somewhat experimen-. That's why officials weren't alarmed t June when one giant rotor failed to spond to a slowdown signal, burning a generator and shutting down the bine. It should be back in operation netime this fall.

terpretive center provides ook at wind power

sitors to the site will find a small in-pretive center. An on-site guide is ex-cted to start work soon. For a schedule to arrange group tours, call BPA at 03) 234-3361, ext. 5131.

reach the Goodnoe Hills site from 34, take U.S. 97 north about 8 miles, en drive east 14 miles on County Road If you're traveling south on U.S. 97, ke the first Goldendale exit and follow ns to the site.

this wide-open prairie, the turbines pear deceptively small. But at the site, u begin to appreciate their great size. e 200-foot-tall towers are crowned by railer-size "nacelle" housing a gearbox d generator to which the rotor is attached. Rotor and nacelle swivel to follow shifting wind. The towers are designed to flex up to 6 inches as the rotors sweep through the air and when buffeted by strong winds.

The giant rotor blades are 300 feet long and 12 feet wide at their maximum. They're hollow, something of a cross between an airplane propeller and wing. In the vertical position, the tops of the blades tower 350 feet in the air; the bottom tips clear the ground by 50 feet.

Start-up wind speed must be at least 14 miles per hour; the turbines can operate up to a wind velocity of about 45 mph. The tips of each blade feather into the breeze in stronger winds to maintain a constant "cruising" speed of 17½ revolutions per minute. At that speed, rotor tips are moving at 188 mph.

Is part of the energy answer blowing in the wind?

Despite the start-up troubles at the Goodnoe Hills site, the future for wind power looks promising. "The basic technology has been developed, there are plenty of good wind sites in the Northwest, and big turbines can coexist with traditional land uses like cattle grazing and farming," says one BPA spokesman.

So graceful are the turbines that even in clusters they do not seem to intrude on the landscape.

On windy days, 400 Mod-2 turbines could yield as much power as The Dalles Dam or the Trojan Nuclear Reactor farther downstream, but because of wind variations, 1,500 turbines would be needed to match that energy output over the course of a year, says BPA.

Farmers in the Goodnoe Hills have always used windmills (many relics dot the landscape). But now, perhaps inspired by the Mod-2 turbines, they're installing modern machines to power individual homes. You'll see several as you drive to the site.

Private wind energy companies also have been watching the Goodnoe Hills project; they're busy acquiring "wind rights" in the area.

Other wind farms are in planning and building stages around the West. In San Gorgonio Pass near Palm Springs, three turbines should be operating by 1982. Near San Francisco Bay, 200 turbines—smaller than those at Goodnoe Hills—are scheduled to start up near Livermore later this year and nearly as many near Vallejo in 1983. On the north tip of Oahu, a project is planned for 1984. Late in 1982, three machines should appear near Medicine Bow, Wyoming. □

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SUSAN BIDDLE

Early 1900s storefronts *along First Street are now filled with antique shops, a boutique or two, and several restaurants*

Sunny waterfront deck *at Sam's Harbor offers view across the strait to gentle hillsides above Port Costa*

Salt box *was built in New England, then shipped to Benicia during gold rush. Porch was added recently*

In Senate Chamber *of old State Capitol, heavy-handled cane on display gets critical scrutiny during tour*

Sleepy Benicia, 135 years old and waking up

Red dots *lead past parking (P) to Benicia's First Street. Dark areas are park sites*

Patiently dozing along the north sho of Carquinez Strait, gold-rush-era Ben cia has been about the oldest unfulfille promise in California—until recentl The past decade of growth througho southern Solano County is starting prod the old port into the 1980s. Sl Benicia is coming to life again, and easy car or bicycle tour provides a le surely look at ongoing developments.

As shown on our map, the tour takes yo from Dillon Point in Benicia State Re reation Area, past the first of a hal dozen waterfront parks now slated f improvement, to First Street, Benicia 130-year-old center. Here you can e

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SUSAN BID

Picnic tables *with a commanding Carquinez Strait view near the head of Dillon Point are no distraction for Benicia-bound bik*

amine buildings that go back to the town's beginnings.

Touted by its founders in 1846 as the commercial and maritime rival of nearby San Francisco, Benicia has, in turn, been California's capital, a federal arsenal, the state's center of learning, and a thriving industrial port. In fact, the November 1903 *Sunset* featured a glowing report on the town, describing it as "California's Future Manchester."

By World War I, Benicia's flame was flickering and, although the town has survived, it really hasn't changed much. Except for signs and cars, the central district along First Street bears a surprisingly close resemblance to its 1910 heyday, with a liberal sprinkling of buildings dating back to the 1850s.

Dillon Point to downtown

Energetic cyclists can easily pedal the 4 miles from Dillon Point to Benicia Point near the foot of First Street and back. Auto entrance to the park is via the Columbia Parkway exit off Interstate 780; entry fee is $2 (in quarters) per vehicle at an automatic gate.

Another starting place is just off Interstate 780 at the Military West exit on the east edge of the recreation area. The gravel parking lot here (P on map) is free, with bike path access to the recreation area through an open field used by joggers and fitness-course addicts.

Following the route on our map, from this lot you will pass near areas along the waterfront designated as city parks. Funding applications for improvements were approved just as we went to press, and work should be getting underway soon. The park with boat-launching ramp at the foot of W. Ninth Street is already completed.

Carry binoculars—these open enclaves are good vantage points for watching birds and ships. Tankers and freighters bound for Benicia, nearby refineries, or docks in Sacramento and Stockton pass close to shore in the narrow channel.

The only commercial establishment along this stretch of waterfront is Sam's Harbor, an appropriately ramshackle restaurant with grand bay views.

Exploring the historic center

The best way to explore the First Street area is to park and walk. Start at the Benicia State Capitol Historical Park at First and G streets.

Built in 1852, ostensibly as a city hall, this large brick building with its broad staircase and twin Doric columns was probably intended to lure an indecisive legislature from unsatisfactory accommodations in San Jose and Vallejo. It worked. The building was officially occupied in February 1853 and was the seat of government for just over a year before the legislature voted to make Sacramento its permanent home.

You can tour the building, restored to period splendor, daily between 10 and 5. Wooden desks in the downstairs senate chambers are complete with candles, newspapers, and an occasional spittoon.

The Fischer-Hanlon House next door is one of the most interesting stops. Built as a gold rush hotel on First Street, it was moved to its present site and converted to a residence in 1856. Period furnishings show how working-class families lived in the 1890's. Docents will take you for a 30-minute tour on weekends from noon to 4:30. A nominal admission covers house and capitol.

Walking south on First Street, you'll notice several buildings—especially the Union Hotel—restored to their former splendor. A recently appointed city architectural review board is increasingly responsible for this preservation.

The real test of maintaining Benicia's architectural integrity will come wh projects now on the drawing boards the waterfront are up for review. Or the site of tanneries and the Southe Pacific train ferry dock (huge ferr shuttled whole trains from Benicia Port Costa until 1929), this area is sla for commercial development and so open space. The first stage, a 309-be marina, is already underway.

In spite of its Spanish name (wh means blessing), Benicia was one of earliest Anglo communities in Califor and still boasts a number of New E land buildings. The western extension D Street has two houses that were p fabricated in the East and shipped California during gold rush days: What Not Shop and the salt-box r dence at the end of the street. On F at the corner of J Street, St. Paul's E copal Church has a salt-box rectory.

On the southwest corner of K Street a First, the Chamber of Commerce ha pamphlet/guide to 39 historical si For a copy, stop by the offices Mon through Friday from 9 to 5 (closed lunch), or send $1 to Box 185, Ben 94510.

Before you head home . . .

Drive out to the Benicia Arsenal in industrial park at the eastern end of M tary East (bicycles are not permitted cause of occasionally heavy traffic).

The most obvious structure is the cl tower atop the 1859 sandstone fort that was the first U.S. Army storeho in California. It commands a strik view of Carquinez Strait and lo slightly down on an Italianate mans nearby. Originally the commanda home, that 20-room house is now pleasant restaurant where, for the p of a cold drink, you can do what lo do—contemplate Benicia's uneven p and speculate on its future.

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Compact *35mm camera in her right hand weighs just 8 ounces. Full-size single lens reflex model weighs over 2½ pounds*

Traveler's camera: the 35mm compact

First came the humble box camera; you told your subject to hold still while you snapped a picture. Then came the 35mm camera, with built-in devices for focusing, setting aperture and shutter speed, and metering exposure. All these devices made cameras heavier. Recently, as tiny integrated electronic circuits have replaced the heavier moving mechanisms, cameras have become smaller and lighter. Several of the new compact models weigh less than 10 ounces.

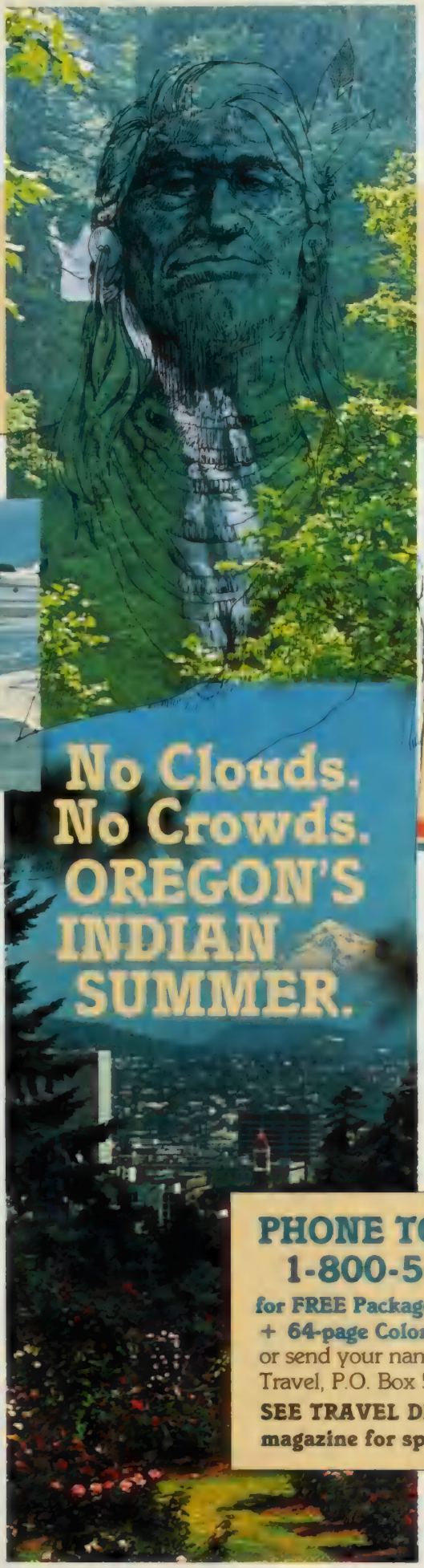
Since these new models can be carried unobtrusively in a purse, a pocket, or the pouch of a pack, they are becoming increasingly popular with travelers. They're easy to operate and let you take candid shots quickly. Here we report on 35mm compacts suited to being carried alo on your travels. (Miniaturized camer that take 110-size film cartridges a mentioned later.)

Exposure, focus control choices

With these 35mm cameras, exposu control may be completely automa (you just point and shoot), or you set t aperture (f-stop) and the camera decid

To appreciate the scale *of the five compact cameras below, compare with the 35mm film cassettes at lower right corner of photograp Price range for these cameras is $100 to $250; weight includes batteries. Tripod at left folds down nearly to size of a ballpoint pe weighs 4½ ounces. Lightweight flash units (lower left) can be bought for cameras without built-in flash un*

GLENN CHRISTIANS



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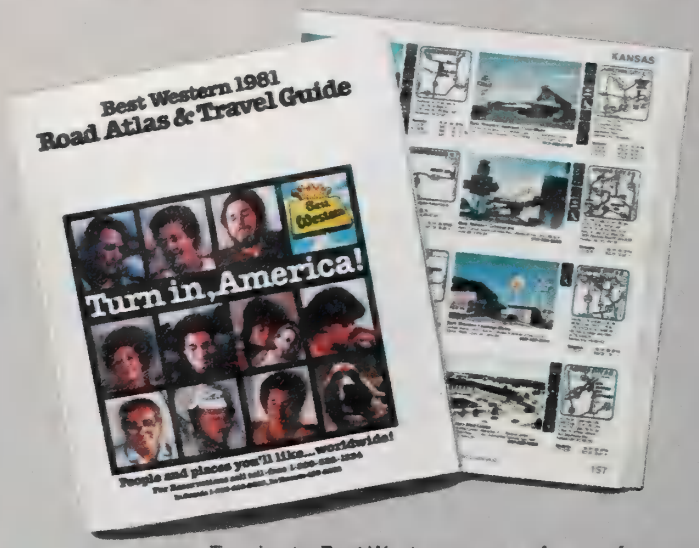

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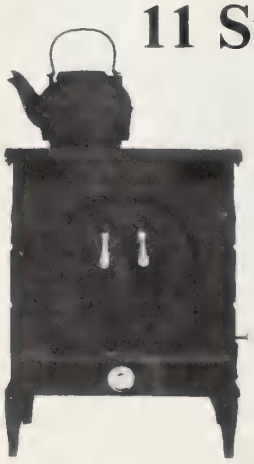
11 Stoves That Make Sense for America

No. 5,9



Stove #5 the Federal Convection combines classic styling with modern technology. "Stove within a stove" design creates continuous flow of warm air from internal air chambers. Burns both wood and coal. Features include: externally operated shaker grate, dual air sources, firescreen for open hearth burning, two ceramic glass viewing windows, baffle, top and rear flue outlets, ashbin and drawer, solid brass trim. All cast iron construction. Two models:

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Stove #9 the Federal Parlour Stove is patterned on one of the most elegant of the nineteenth century parlour stoves. Inside, it's a modern woodstove, featuring an ashbin and drawer, cast iron baffle, top and back flue outlets, dual air sources, mica window, and solid brass handles, rail, and window frame. All cast iron construction.

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Padded belt pouch *carries camera and one extra film cassette inside*

the proper shutter speed. Some compac flash a light to warn you against unde exposure; others have a needle in t view finder to indicate that you need use flash.

Focus controls range from fully aut matic to manual. Auto-focus models e ploy a sensing device: you center yo subject in the view finder and the came establishes the focus. With range-find cameras, you superimpose two images achieve focus. Other models use es mated focus: you guesstimate camera-subject distance and set the appropri number of feet. With zone focusing, y set focus by selecting a symbol: for e ample, a mountain for long-distan shots, a face for a closeup.

Some models have electronic flash un built in; others take accessory units, s separately. Lens hoods and filters a available for some of the compacts.

A few of the cameras come cased i durable plastic shells; for others, you c purchase a small carrying case.

Another option—the 110 compact

A number of compact cameras take 1 film. To load these, you simply drop a cartridge. But 110 film enlarged b yond snapshot size doesn't yield a image quality of the larger-format 35m film. And 110-size color slides projec onto a screen don't yield as big an im as 35mm color transparencies unless y use special equipment.

Other compact considerations

Consider the camera's need for batter Some fully automatic cameras may n

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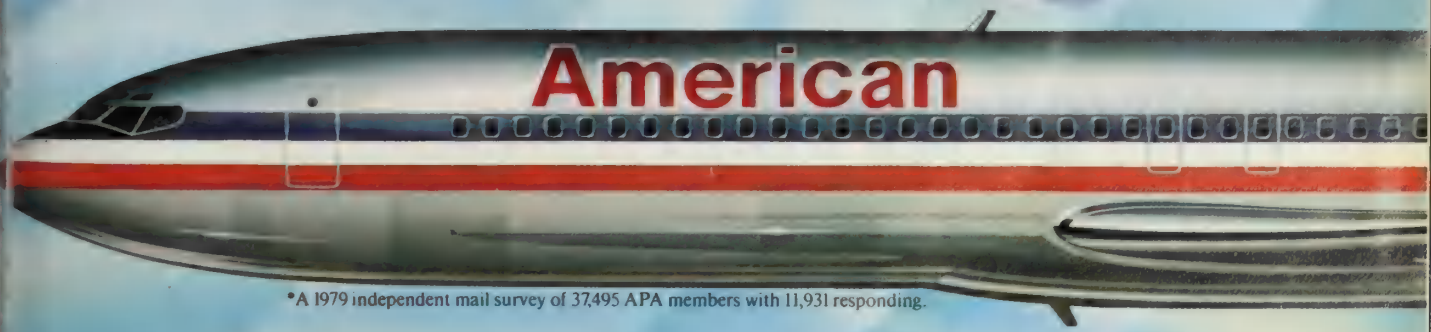

*A 1979 independent mail survey of 37,495 APA members with 11,931 responding.

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Be prepared to show the inspector either the original bill of sale (it should show the serial number) or a certificate of registration from U.S. Customs. To obtain Form 4457, take your camera to the nearest U.S. Customs office (look in the telephone directory under U.S. Government) several days before you leave. On the form you fill in information about the model, make, and serial number of your camera (and lenses). The customs official verifies this information and signs the form; you carry it abroad and present it upon reentry. It's good for future trips.

In some offices, you may have to make an appointment to register your equipment. At major airports that clear passengers through customs (such as Seattle, San Francisco, Los Angeles), the office may be open seven days a week from 9 to 9.

If you purchase photographic equipment abroad, it will be subject to import duty unless it can be claimed under the $300 exemption allowed each returning resident, regardless of age.

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Cable domes to Hong Kong animals

Baby orang *finds infant's feet irresistible*

On the quiet side of Hong Kong Island, away from high-rise buildings and throngs of shoppers, four-year-old Ocean Park affords a delightful change of pace.

Entrance level at the complex is beautifully landscaped, with paths to lead you past pools, floral displays, and waterfalls. Children will enjoy the play area and petting zoo here, as well as a garden theater with seal and bird performances.

But Ocean Park's marine attractions are nearly a mile away, past steep, jagged hills which visitors traverse by sightseeing cable domes. During the 7-minute ride, you enjoy grand views of surrounding beaches, boats, and bays.

Disembarking at the terraced headlands, you stroll to three marine displays. Signs and commentary are in Chinese and English. The first display re-creates a rocky inlet with 3-foot wave action. Sea lions and penguins romp contentedly, and seals come up to the viewing galleries and bark expectantly for food.

The Ocean Theater, an outdoor auditorium, boasts killer whale and dolphin performances.

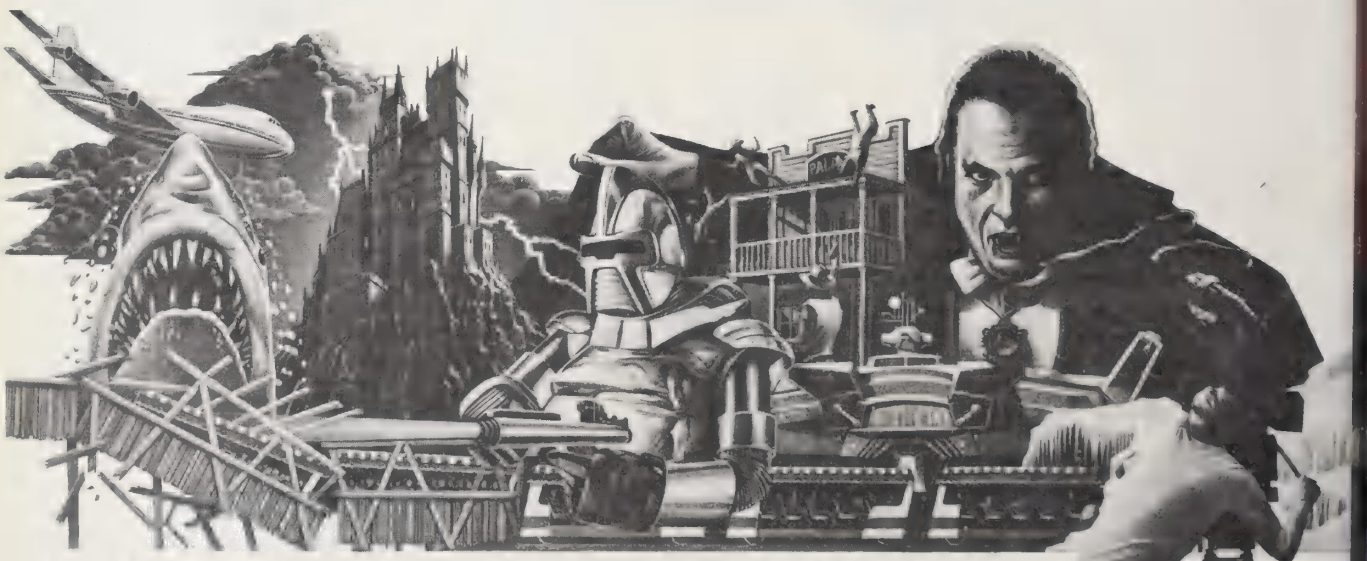
The last display, an atoll reef, is a huge, 20-foot-deep salt-water aquarium that contains more than 30,000 tropical fish. Visibility is excellent, with three descending galleries encircling the aquarium. Around 3 P.M., you may see divers hand-feeding rays and small sharks.

You'll find restaurants and a cafeteria near the upper cable car terminal and snack bars throughout the park.

Ocean Park opens daily at 8:30 A.M. Admission is HK$25 ($5). From the city, it's a 40-minute ride to the park. □

THOMAS HOLDIMAN

Birdcage-like domes *give bird's-eye views on the way to more remote marine exhibi*



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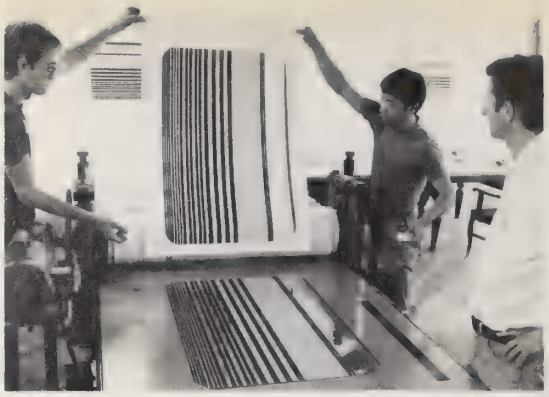

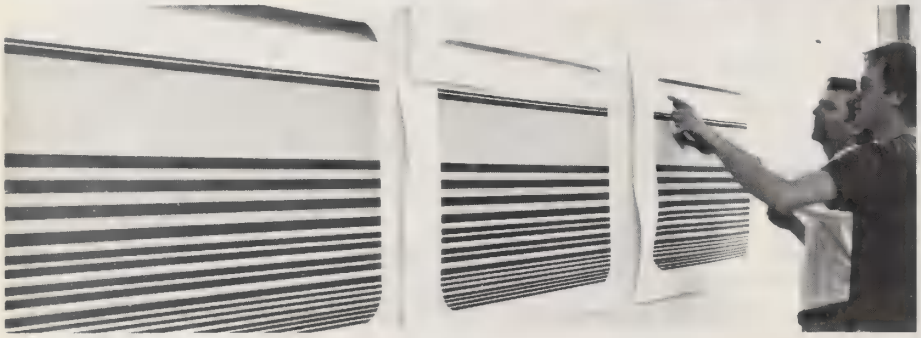

Train Windows *in the making: copper plate is inked and run through the press (top). Above, printer checks proof with artist Tom Marioni (light shirt)*

SUSAN BIDDLE

Finished etchings *are displayed on gallery's mezzanine and main floor*

Age-old etching method, today's art

Crown Point Press in Oakland is a rarity among art studios in the West—or anywhere else, for that matter. Since 1962, this small group of printers under the guidance of founder-director Kathan Brown has been turning out works of influential artists using a centuries-old etched-copper printing process. In contrast to "little brown pictures with scratchy lines" that many people think of as etchings, Crown Point's creations are contemporary and often vibrant and colorful.

Every year, Brown invites six to eight artists to spend two weeks at the workshop creating the plates and working with the printers. Etchings are printed in

(Continued on page 56F)

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Thomas Motors, 600 N. El Dorado 95202
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Ukiah
Autoland Motor Co., 1199 N. State St. 95482
Vallejo
British Motors-Subaru, 140 Yolano Dr. 94590
Visalia
Putnam/Windh Subaru, 700 E. Main St. 93277
Walnut Creek
Diablo Subaru, 2646 Main St. 94596
Yuba City
Central Motors, 226 Bridge St. 95991

NEVADA

Elko
Western Motors, 1084 Idaho St. 89801
Reno
Teddy Bear Havas Motors, 1500 S. Virginia St.

UTAH

Cedar City
Tri-State Motors, 298 S. Main St. 84720
Logan
Dahle's Subaru, 1815 N. Main 84321
Murray
House of Compacts, 5299 S. State St. 84107
Ogden
Subaru of Ogden, 3377 Wall Ave. 84401
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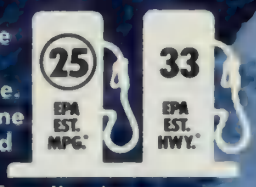

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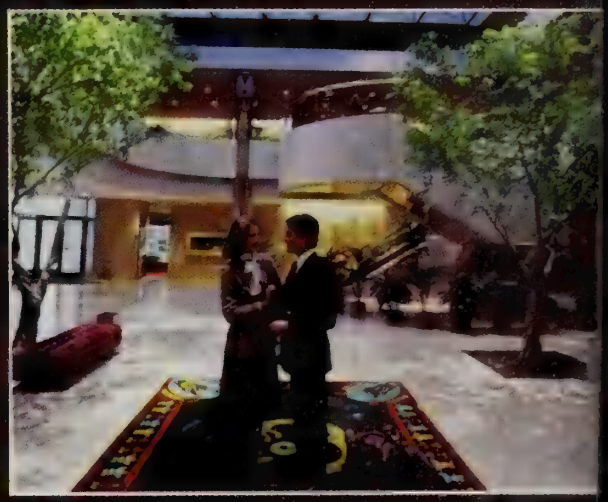

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Paulette and Karla, *a triptych by Robert Kushner, sparks discussion betw director Kathan Brown (left) and visito*

limited editions of 25 to 35 and so galleries throughout the world.

The etching process most often us Crown Point Press involves coati copper plate with wax, scratching i image with a sharp tool called a b then immersing the plate in an acid to "bite" the image into the unprot copper. Artists also work with bru powdered rosin, and even photogra images to create a wide range of effe

This month on the 20th, Crown Press will celebrate the official ope of its airy new gallery just downs from the workshop and press (in th Pardee Building at 16th and San F streets) with a show titled Italian Italian-American Artists. Schedule run through December 1, the show feature about 50 works by Vito Acc Tom Marioni, Francesco Clemente, nis Kounellis, and Italo Scanga.

Among the works will be Acconci's bolic *Flags*, a colorful, four-part p etching of blended American, Rus and Chinese flags, and giant *Two W for Wall and Person* printed in pink.

You can drop by any time to see cu hangings; gallery hours are Tue through Saturday, 10 to 5.

Gallery quarters, behind an unassu storefront (press buzzer at 1551 Pablo for entrance), boast a col history: a dance floor in the center carved wooden handrail on the m nine recall its dance hall past; mor cently it was a hat factory. Artists worked in the building's upstairs r since 1950.

You can buy limited-edition works a gallery for as little as $100 to as n as $7,000, depending on the artist the complexity of the work. Ask a desk if it is possible to see the cu visiting artist at work or to watch p ers hand-wiping the etched copper p and running them through the pres you like, call (415) 835-5104 in adv to inquire.

For more information on artists r sented in the gallery, you can buy c of *Views* at Crown Point; each $2 b let profiles one artist.

SCIROCCO.

THE SUPER VW!

No. We're not referring to one of the world's most competitive classes of open-wheel racing cars. Those are Super Vees.

What we're talking about here is the Scirocco. The Super VW. But while a Super Vee and a Scirocco are indeed very different kinds of vehicles, they do have one thing in common beyond their basic powerplants—the success of each is based on a formula.

The Scirocco's has, in the words of the Road & Track Guide to Sports & GT Cars—"...that important balance that means power, handling, ride, steering, comfort and brakes are all in proper proportion"—which would seem to leave little to say...except Road & Track's editors said all that about the 1980 Scirocco. And for 1981, VW has improved its formula.

For even better balanced power, the displacement of the Scirocco's overhead cam Four has been increased to 1715 cc. The result is maximum horsepower and torque are achieved at significantly lower engine rpm. Peak horsepower is developed at 5000 rpm. Maximum torque (which is also up more than 6%): at a mere 3000 rpm. And both outputs come on smoothly and reliably with the Scirocco's K-Jetronic fuel injection, breakerless transistor ignition and state of the art emission controls, including oxygen sensor and 3-way catalyst for all 50 states.

But VW's fine-tuning didn't stop with enhancing the tractability of the Scirocco's engine. This led to the development of new, more efficient ratios for the two overdrive gears and final drive of the Scirocco's 5-speed transaxle, which is standard equipment for 1981.

Now, the Scirocco will go from 0 to 50 mph in 8.2 seconds. It'll also cruise at 55 mph in fifth with the engine turning at a serene 2500 rpm. While flat-out in fourth, it's capable of 100 mph on the test track. And its fuel economy? It's exemplary too—an EPA estimated 25 mpg, 40 mpg highway estimate. (Use "estimated mpg" for comparisons. Your mileage may vary with weather, speed and trip length. Actual highway mileage will probably be less.)

But no less important than what the Scirocco has gained is all that it hasn't lost. Its front-wheel drive, four-wheel independent suspension, rack-and-pinion steering with negative roll-radius wheel geometry and disc/drum brakes haven't changed. Thus, neither has its handling, about which Car and Driver said of the '80—"When you twist the wheel the Scirocco answers with a click of the heels and a dive toward the apex." Then there's its taut aerodynamic body and functional interior. Both remain the clean, uncluttered work of the modern master Giugiaro.

With all this, is there any wonder why we call the Scirocco "the Super VW"? That is, unless you're wondering about the "S" model shown below. With the addition of form-fitting sport front seats inside; wide 70-series radials, deep front air dam and matte black trim outside...we call that "the Super Scirocco."

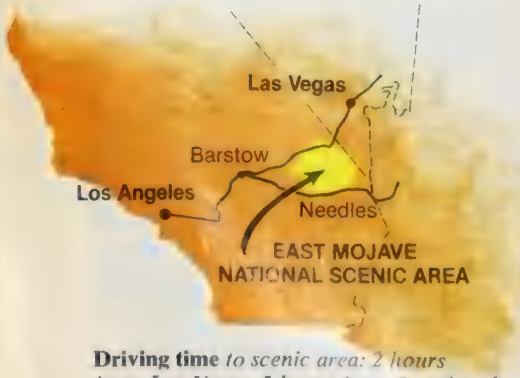
© VOLKSWAGEN OF AMERICA

DON NORM

Bounding hand in hand, *they descend Kelso Dunes much faster than they climbed up; plucky poodle behind kicks up its own s*

Mojave

At last, a big chunk of California's vast desert wins national status (but how much protection?). East Mojave NSA is more than a million acres o dunes, caves, cowboys. Its best weather begins this month



Driving time *to scenic area: 2 hours from Las Vegas, 5 hours from Los Angeles*

Stunningly diverse, the landscape and life-forms of the eastern Mojave Desert —rippling sand dunes, stark lava rock, limestone caverns, gaunt dagger-sharp Joshua trees—captivate the visitor. Cowboys branding cattle at roadside corrals, fragments of once-boisterous towns, the shrill whistle of a train add to the spell.

The strange beauty and Old West flavor of this remote wedge of California (in gold on the map) have finally won national status—and a measure of prot tion—as the East Mojave Natio Scenic Area.

It's the first national scenic area for U.S. Department of Interior's Bureau Land Management (BLM). And it is these 1.38 million acres of well-endow high desert that the BLM hopes to pr it can protect an area's scenic, cultu and recreational riches, yet still per traditional uses like mining and ca

Aglow in amber light, *visitors are 300 feet below earth's surface in Tecopa—smaller of two limestone caverns open for daily tours at Mitchell Caverns*

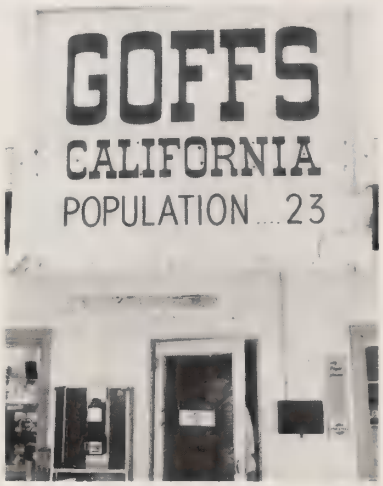
Twisty trademark plant *of the East Mojave is the Joshua tree. This one grows by Union Pacific tracks at Cima*

Sculpted spires *tower above hikers returning through Banshee Canyon to Hole-in-the-Wall Campground*

DON NORMARK

High-desert cowboys *work cattle in roadside corrals. You might see them roping and branding stock, particularly in spring*

Wary desert tortoise *withdraws into shell as visitor approaches. Get no closer—fear could cause it to lose water critical for its survival*



Sign may exaggerate *population of Goffs (we wonder where they all live). Store is popular for gas, gossip*

Where cattle still roam and the tortoise is protected

grazing. How this will work remains to be seen. (For a discussion of concerns facing the new scenic area, see page 63.)

Because of the East Mojave's altitude—most of it 2,000 to 5,000 feet—even summer temperatures at higher elevations rarely exceed 95°. But the most popular months for visitors are now through May. Our pages highlight sites accessible by passenger car; seven areas may gain national wilderness designation (see the map on facing page).

Visitors should expect neither the supervision nor interpretive programs familiar in national parks and monuments or even state preserves. The area will remain much as it is (dirt roads, mining, cattle, and all)—a delight if you relish making your own discoveries.

An easy detour off either of two interstate highways that link Southern California with Nevada (I-15) and Arizona (I-40), the East Mojave is accessible on a half-day drive. (Paved or graded dirt roads connecting the two interstates lead through the scenic area in a couple of hours.) Or you can spend a weekend or longer on adventures from these pages. For guided outings, see page 26. Amenities are scarce, so you must do some careful planning.

Booming sand dunes, cinder cones, a granite dome

The East Mojave's geologic and botanic treasures are its star attractions. Visitors driving northeast from Barstow on I- can stop along Zzyzx Road (open to t public only part of the way) for a ge logic sneak preview: salt-topped So Dry Lake in the foreground; beyond, t golden sand of Devils Playground a Kelso Dunes—dazzling child of the we erlies, a 560-foot-tall mountain of wh sand, blown grain by grain from the M jave River Sink, some 35 miles farth to the west.

The blistered area to the east is a choi volcanism field: a lava flow accent with 32 cinder cones, probably form within the past thousand years by br but violent eruptions. To get within e ploring distance of dunes or cones (bo are proposed as national wilderness; s 1 and 2 on the map), exit I-15 onto K baker Road.

Even foreign scientists come to this v canic field to study rock denser th any formed on the earth's surface—ra clues to the composition of our plane mantle. Dotted with fine stands of Josh trees and cactus (cholla, barrel, a hedgehog varieties), this area shows h vegetation recovers after volcanic act ity; today, plants even grow within c ters of the cones.

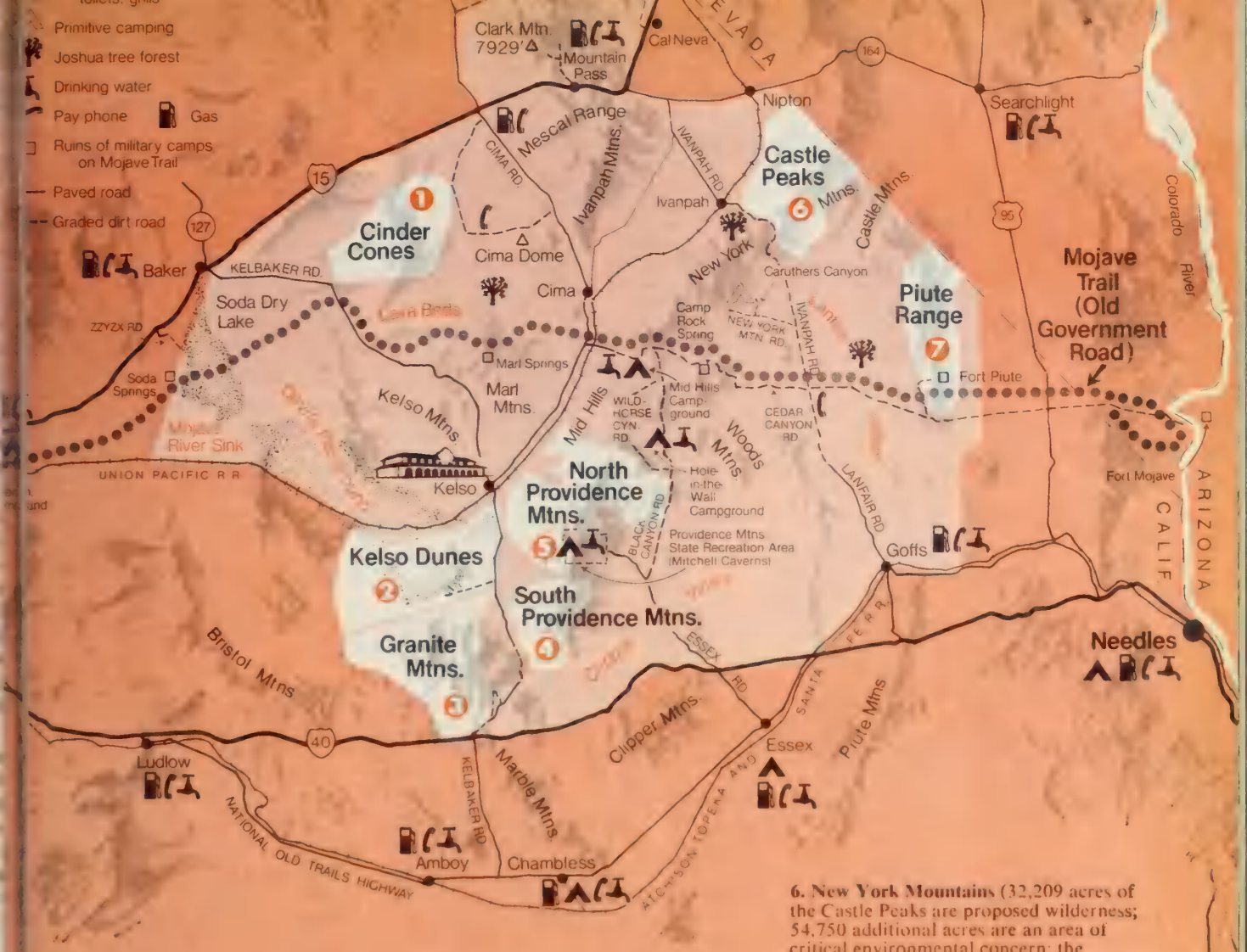
At Kelso Dunes, listen for "boomin sands. It's one of only two dune fields the continental U.S. where this phenom enon occurs. When sand cascades do the steepest lee slopes, the dunes issue resonant sound like the deepest bass n on a church organ. Most audible on h dry days, the noise may startle uns pecting hikers.

The dunes are off limits to vehicles order to protect vegetation (a hundr plant species grow here) and an arr of lizards, snakes, and insects—many them endemic. Following a rainy wint spring visitors may be rewarded w stunning pink and white wildflowers fl ing dune swales.

If you drive south from I-15 on Cir Road, watch for Cima Dome—shap like a huge upside-down gold pa Earth movement plus centuries of er sion created this symmetrical gran bulge covering 75 square miles. It ris gently to 1,500 feet above the surroun ing desert.

Joshua trees: standouts in a botanical melting pot

The loop road west off Cima Ro crosses Cima Dome through one of Ca fornia's densest Joshua tree fores Though explorer John C. Frémo thought them "the most repulsive tree the vegetable kingdom," they provi sanctuary for an amazing variety of wil life: lizards, snakes, wood rats, and up 24 species of birds, including Scott's o ole and the ladder-backed woodpec (which bores holes in the tree for nest Here in North America's highest des



Mojave exploring...7 wilderness areas

The seven areas marked on the map are considered by the BLM to be suitable for national wilderness status. Official wilderness designation awaits congressional approval. Here are some ways to explore and otherwise enjoy these areas.

1. Cinder Cones (31,005 acres may become wilderness; some cinder cones south of marked area are already a national natural landmark). Ten miles south of I-5 on Kelbaker Road, you can't miss the startling landscape blistered with 32 cinder cones jutting upward several hundred feet. Cones erode easily but can be climbed along old mining roads leading up some of them. Explore too the area's broad washes lined with desert trees like cat's claw and desert willow, and wildlife including lynx, bobcat, collared lizard.

2. Kelso Dunes (36,000 acres are proposed wilderness and national natural landmark). Early morning or evening light adds extra zest to exploring one of the tallest dune systems in North America. Carry water and food for a 3- to 4-hour round-trip hike. From Kelso, head south on Kelbaker Road about 2 miles, then turn west in front of two metal buildings and track) and drive about 3 miles; park at dune edge—it doubles as an airstrip. Climb to the highest crest is worth it for the panoramic view.

3. Granite Mountains (29,646 acres are proposed wilderness). At the doorstep of I-40 (exit onto Kelbaker Road heading north) lie grand jumbles of fractured granite—irresistible temptations to climb. Dirt roads lead west to secluded "coves" for primitive camping. This biologically rich range is home to bighorn sheep, coyotes.

4, 5. Providence Mountains, Mid Hills (5,985 acres in the south and 54,257 acres in the North Providence range are proposed wilderness). From I-40, Essex Road leads 17 miles to Mitchell Caverns and adjoining hiking trails (4 miles total) and camping area (six sites, $3 a night). Along a ½-mile loop trail, some of the more than 350 plant species in this range are identified; an herbarium in the visitor center identifies others. Steepest trail is 1½ miles up to Crystal Springs, a seep where wild almonds, piñon, oak, and juniper frame panoramas.

Hole-in-the-Wall Campground; 4,200′. Road signs show the way off Black Canyon Road to BLM's 14-site campground ($1 a night) adjacent to cliffs exquisitely chiseled into a gallery of towers and caves. Iron rings set in the rocks help you descend into Banshee Canyon, pictured on page 59. For a scenic 20-mile loop drive, take Wildhorse Canyon Road past a volcanic mesa, rare for California.

Mid Hills Campground; 5,600′. Two miles west of Black Canyon Road, piñons and junipers shelter 31 BLM campsites ($1 a night). The more northerly sites have good views of Cima Dome.

6. New York Mountains (32,209 acres of the Castle Peaks are proposed wilderness; 54,750 additional acres are an area of critical environmental concern: the designation given by the BLM to recognize exceptional—and threatened—cultural, wildlife, or scenic values). Ivanpah Road intersects this densely forested range, offering glimpses of the red-hued Castle Peaks with jagged spires rising 600 feet above Ivanpah Valley. Watch for golden eagles, prairie falcons, owls. New York Mountain Road leads 5½ miles west, then 2 miles north to Caruthers Canyon—a jewel for picnicking, camping, hiking, bird-watching (100 species nest in the New York range; many more visit during migrations).

7. Piute Range (26,511 acres are potential wilderness). For the adventurous, a 2-mile hike follows the historic Mojave Trail over Piute Hill—once one of the West's most treacherous wagon stretches—down to Piute Creek. Its cool water (not drinkable) surfaces for ½ mile, then disappears. Willow groves growing along the creek are havens for birds and wildlife. Follow the creek downstream another ½ mile to the stone ruins of Fort Piute, an 1860s military outpost. Allow 5 hours round-trip.

The trailhead is easily reached by passenger car. Just north of telephone booth on Lanfair Road, drive east on a utility road 9½ miles. At a cattle guard, turn north (left) and drive about ¼ mile. Park just past the corral; the hike begins at a gate in the wood fence to the east.

This area's history is described and much of the trail pictured in the book *Fort Pah-Ute California*, by Dennis Casebier (Box 307, Norco, Calif. 91760, 1974; $8.50). Or write to Needles BLM for a detailed hiking map.

DON NORMARK

Rock-rimmed campsite *in the Granite Mountains offers wide-open views; surrounding granite boulders are just the right size for scrambling*

Rolling up sleeping bags *after use protects against surprise visits from the desert's crawling critters; folding cots help too. He's at Caruthers Canyon*

Camping is primitive, hiking may be scrambly. Take a good map

flora and fauna from three deserts converge: purple sage and juniper from the Great Basin; smoke trees and palo verde from the Sonoran Desert; and the Mojave's own Joshua trees and Mojave yucca—both of the lily family. In mountain canyons, islands of oaks and manzanita have snuck in. And surviving atop Clark Mountain and high in the New Yorks are stands of white fir—stubborn relics from the last ice age.

Havens for birds—and bird-watchers

This mix of flora attracts about 150 resident bird species; many more pay call during fall migration this month and next, and again in spring.

Look for birds around springs, in wooded canyons like Caruthers (see 6 in map text), along Piute Creek (7), or in the elm grove oasis at the railroad depot in the town of Kelso. Best bird-watching is in the early morning and evening.

Hiking, camping, and cavern tours along the backbone of the East Mojave

Few formal foot trails exist, but old mining roads (on USGS maps) can lead to adventures, and cross-country hiking can be rewarding in smaller ranges like the Mescals, Woods, and Ivanpahs.

But for first-time visitors, it's the backbone of the East Mojave—50 miles of towering mountains curving northeast from I-40 to Nevada—that deserves attention. In the Providence, Mid Hills, and New York ranges, you'll find enough camping and hiking (4, 5, and 6 on the map) to keep you busy for days. Roads climb quickly into refreshing piñon and juniper country—so cool after dark that even in late May we were glad to have down jackets, long johns, and wool caps.

The Providence Mountains have been called a geologic circus for their complex landforms. One of nature's flashiest creations is Mitchell Caverns, halfway up the eastern slope in a 5,250-acre state recreation area. Only one in 40,000 caves grows three kinds of cavern formations found here: dripstones (stalactites and stalagmites), flow stones (curtains, draperies), and erratics (cave shields, coral tubes, helictites). Until 10 years ago, these caves seemed dry. Now seeping water is again building formations at about 1 inch every 10,000 years.

Rangers lead cavern tours (25 and 50 cents) weekends at 10, 1:30, and 3, and weekdays at 1:30 (starting in September).

Outside the caverns, don't miss the view: more than 300 square miles across Clipper Valley into Arizona and Nevada without a sign of suburban sprawl. And don't be surprised if you see a golden eagle: they nest in cliffs above you.

Lonesome country: cattle, cowboys, and clues to the past

Poets call the desert bounded by Las Vegas, Barstow, and Needles "the lonesome triangle" because only about 500 people live here—mostly miners, ranchers, and railroad employees. The land seems lost in an Old West time warp. Windmills still pump water for cattle. A steer may stare you down on any road, so be alert when driving. Cowboys tend cattle on horseback; in the spring you may see branding by the roadside.

Clues to man's past in the East Mojave can still be read along roads and trails. Ancient petroglyphs—all too vulnerable to vandalism—tell of prehistoric occupation. Occasionally, you'll see the faded works of early miners. Their towns—Providence, Hart, Vanderbilt—are quieter now. Mine shafts they left behind can be dangerous; don't get too close or they could cave in.

On a dirt utility road that heads east from Lanfair Road (just 100 feet n of the telephone booth), foundat are all that remain of a town built 1912 homesteaders; some survived v with local cattlemen only to find the land couldn't support their farms.

Bisecting the scenic area is a 130-r stretch of the Mojave Trail. Evolv from a prehistoric Indian route to coast, it was followed by Spanish r sionary Francisco Garcés in 1776 by mountain man Jedediah Smith 1826 and '27. In the late 1850s, the U Army, aided by camels, transforme into a wagon road. In its heyday—1 to the early '80s—it was a lifeline Prescott, capital of the struggling Arizona Territory. Next month, vo teers begin work to make the trail ea to follow (see page 26).

Planning a remote desert visit

Because this land is vulnerable and mote, extra concern and stewardship required of every visitor—both to p tect the land and for your own saf Let the watchwords "take only pict and leave only footprints" guide y visit. Cactus, ancient petroglyphs, the desert tortoise are all protected federal or state laws.

To protect this easily scarred land, vehicles, including four-wheel-dr must stay on existing scenic area ro Visitors in passenger cars would be v to stick with roads indicated on our m But even those can wash out du rains and flash floods. For weather f casts and road conditions, check the BLM office at 641 Front St. in N dles (Box 305, Calif. 92363; 714/3 3896; open 8 to 4:30 weekdays) o

Barstow Rd., Barstow 92311; 714/ 3591; 8 to 5 weekdays, 9 to 5 week-).

olies. Bring extra food and water (at 5 gallons of water per day per fam- f four). This month, dress for day- highs in the 80s and nighttime lows ie 40s. October and November are lly pleasant calm-weather months. vinter and early spring, snows can several feet deep. Campers should g firewood, charcoal, or a fuel stove ooking; a shovel and flashlight; and uate clothing.

s. The best map, showing all dirt s and many landmarks in the scenic is the Automobile Club of South- California's map of San Bernardino nty. BLM visitor center in Needles Front St.) sells USGS topographic ; Needles and Barstow offices give pamphlets on desert safety. New maps of the Providence and New mountains should be available this h. Also ask for a map showing pri- land within the NSA; it's useful picking a campsite.

ping. Campgrounds shown on our are on a first-come basis. Also, the permits camping within 100 feet y road on its land. Leave your site ou found it—or cleaner. Camping ohibited within 600 feet of any gs or water hole; they're critical to urvival of desert wildlife.

ions. Be aware that hunting season deer, quail, or chukar—runs mid- ber through January.

nous critters including scorpions attlesnakes (the Mojave green rat- s the most poisonous) are at home Always look before putting your or foot somewhere; never walk at without a light.

u plan to explore smaller dirt roads hike far, tell friends at home where e going and when you'll be back. u don't return on time, they should the BLM or the San Bernardino ty Sheriff in Barstow.

u do encounter trouble, BLM rang- atrolling the area monitor CB radio nel 9, but its range is limited.

s/motels. Nearest motels are in les, Barstow, Baker, and one each dlow and Amboy. Our map shows es in the towns—some so tiny miss 'em if you blink at the wrong ent—but don't count on them. es and gas could be temporarily fill your gas tank whenever possi- Goffs has ice, sandwiches, some d goods; a dance band performs a month. Cima has one store. Essex s good breakfasts. Chambless has ost grocery stores. Kelso boasts the architectural wonder: a 1924 mis- tyle train depot. □

Big strides made, still tough decisions ahead

Creation of the East Mojave National Scenic Area is a small—but dramatic—part of the California Desert Plan, endorsed this summer by Interior Secretary James Watt and now being implemented by the Bureau of Land Management (BLM).

Decisions so tough they would have made King Solomon wince were required of the BLM, aided by a citizen advisory committee. During five years of hearings and studies, they determined what uses should be made of the 12½ million acres of desert lands the BLM administers within the 25-million-acre California Desert Conservation Area (CDCA), which sprawls across one-fourth of California.

Ranchers, miners, off-road-vehicle owners, hikers, bird-watchers, energy interests, and others had their say on which areas should be wilderness, which open to cross-country vehicles, and which need special protection. No group won all its wishes. But the plan marks a significant milestone for BLM management. For a free synopsis, write to the California Desert District, Bureau of Land Management, 1695 Spruce St., Riverside, Calif. 92507, or stop by BLM offices in Barstow or Needles.

Our own poll of Southern California conservation groups active throughout this planning process indicated applause for the National Scenic Area designation. But some groups worry that the BLM has neither the manpower nor the legal backing to properly protect the scenic area, let alone the rest of the desert. They listed these key concerns:

Protection. Four uniformed BLM rangers are assigned to patrol the scenic area, plus an adjoining desert area of equal size—too few to protect the desert's antiquities, its plant and animal life, and to deter abuses like littering, plinking (gun shooting at petroglyphs, plants), and illegal off-road-vehicle use. Still, this is a tangible start for desert protection.

Mining. Some 3,000 mining claims exist in the scenic area, including most of the proposed wilderness area. The BLM can try to keep mining as unobtrusive as possible, but it does not have authority to stop any mining. Of particular concern are the Kelso Dunes (currently being mined for magnetite) and the Cinder Cones (mined for cinders and germanium). Theoretically, both areas could be entirely mined—even if they become national wilderness. Only an act of Congress or a decree by the secretary of the interior could withdraw these or other public lands in the CDCA from mining.

Uniformed *BLM ranger and staff archeologist examine damage (by nature or man?) on ancient petroglyph*

Plant harvesting. The BLM will permit controlled harvesting of Mojave yucca (*Y. schidigera*), used to make root beer foam and to deodorize farmyards. Some naturalists fear that any harvesting of this plant—critical to desert wildlife—upsets nature's delicate balance.

Grazing. Foraging livestock and feral burros can trample desert soils and uproot plants, speeding erosion and vegetation changes. And they compete with wildlife for food and water. Some would like to see stricter grazing management; and budget cuts threaten a proposal for burro removal.

Power plants. Southern California Edison will soon file an application to build three 500-megawatt coal-fired power plants near Ivanpah Dry Lake. Company officials hope these will be cleaner than similar northern Arizona plants now spewing significant air pollution.

What you can do. To keep abreast of these and other issues, consider joining a group listed on pages 26 and 29; or join the Desert Protective Council, which publishes a quarterly newsletter on desert issues ($10 membership; write to Box 4294, Palm Springs, Calif. 92263); or ask Riverside BLM for the new monthly desert newsletter. Your concerns and views can be effectively registered with your representatives in Congress or with the BLM in Riverside (address at left above).

DARROW M. WAT

Pecan-crowned *Brie softens in oven after a brief baking. Scoop with apple or pear slices to ea*

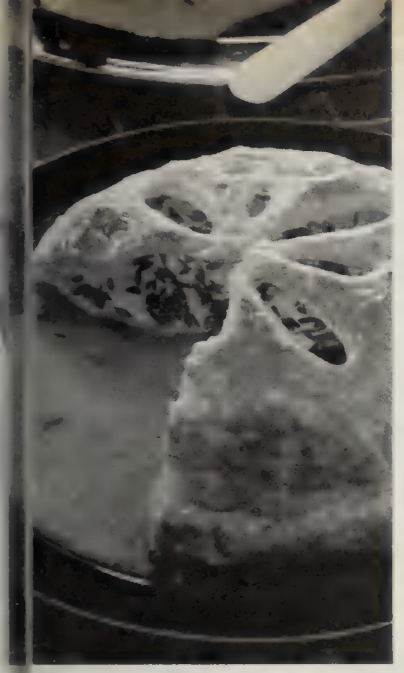
Baked Brie with a pecan crown, Camembert in pastry

As simple as heating cheese, here are 5 good-looking soft cheese appetizers and desserts

Buttery soft throughout, creamy enoug to flow gently—this is considered th point of perfection for soft, ripenin cheese.

There are two ways to reach this delect able state. One requires time, patience and watchful aging. In the other, les orthodox method, heat converts thes cheeses from a firm-centered state—th way you usually find them in the marke —to a fondue-like liquid with a flavo milder and less aromatic than a matur cheese.

Here we suggest five stunning yet simpl presentations for heat-softened chees that fit into a variety of menus. Variou sizes of Brie or Camembert (domestic o imported) or domestic breakfast chees are baked plain or in pastry, sautéed



arm cumin-seeded *Camembert flows from golden pastry jacket. Eat small wedges with salad for a first course*

Break through *the crisp coating of sautéed Camembert to spread on toasted baguette slices*

For a no-fuss fondue, *melt Brie in a chafing dish. Dip breadsticks, pepper strips, and sausage slices to serve*

Butter and brown sugar *give breakfast cheese a sweet crust. Spread it on ginger biscuits or eat with berries for dessert*

ated in a chafing dish, or broiled. rve, as appetizers, with salad, with uit after dinner, or as a dessert.

r all recipes, use a firm cheese that es no more than slightly when pressed the center. If the cheese is dated, oose one that is at least four to six eks from shelf life date.

can-crowned Baked Brie

ace a 2-pound whole, firm Brie cheese a 10- to 11-inch round rimmed baking h. Brush cheese with 2 tablespoons lted butter. Arrange about 1 cup can or walnut halves on top. Bake in 350° oven just until cheese begins to lt, 10 to 12 minutes. Scoop up with ple or pear wedges or bread sticks. ep hot on a warming tray. Makes 24 petizer servings.

Camembert in Pastry

Thaw 2 frozen patty shells. On a floured board, roll each shell out to a 7½-inch round. Place one round on an ungreased baking sheet. Set a 7 to 8 ounce whole firm Camembert or Brie cheese in the center. Sprinkle with 1 teaspoon cumin seed. Top with remaining pastry round. Beat 1 egg to blend. Moisten pastry edge with egg. Fold bottom edges over top and press with fork to seal. Brush pastry with remaining egg. Slash top decoratively.

Bake in a 450° oven until well browned, about 15 minutes. Let cool 30 to 45 minutes to firm center before cutting into wedges. Serve with a fork as an appetizer, or with green salad for a first course. Serves 4 to 6.

Sautéed Camembert

Let a 7- to 8-ounce whole, firm Camembert or Brie cheese stand at room temperature about 15 minutes. Mix together ⅓ cup fine dry bread crumbs and ½ teaspoon fines herbes (or thyme leaves). Beat 1 egg until blended. Coat cheese with egg, then crumbs. In a 7- to 8-inch frying pan, melt 3 tablespoons butter over medium-low to medium heat. When pan is hot, add cheese and cook until golden on bottom, 1 to 2 minutes. (If cheese begins to leak along edges, turn over immediately.) Lightly brown other side, ½ to 1 minute longer. Garnish with 3 tablespoons thinly sliced green onions, and spread on toasted baguette slices. Makes 4 to 6 appetizer servings.

Breakfast Cheese Brûlé

Split a cold 3-ounce whole, firm breakfast cheese in half horizontally. Place cut sides down, side by side in a shallow oval 7-inch rimmed baking dish. Brush cheese with 1 teaspoon melted butter. Force 1 tablespoon firmly packed brown sugar through a wire sieve to coat top of cheese. Broil about 6 inches from heat just until cheese begins to melt, 2 to 4 minutes. To serve, spread on ginger cookies or petit beurre biscuits; accompany with strawberries. Serves 2.

Brie Fondue

Place a 2-pound whole firm Brie cheese in the top of a 9- to 10-inch chafing dish. Set over simmering water. Heat, stirring occasionally, until melted, 15 to 20 minutes. Turn flame to medium-low. Scoop cheese up with breadsticks, red or green bell pepper strips, and browned Italian sausage slices. Makes 24 appetizer servings, 6 to 8 entrée servings. □

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"They chew interestingly." They're much more spirited than lettuce. You pretty much have to grow them yourself

Greens with bite

difference is in their bite: these s taste fortified. They're heartier lettuce. They don't leave the dry aste of spinach in your mouth. To one of our tasters, "They chew stingly." Shown and described on four pages are nine salad greens w and use.

u're cautious, start with mustard h and Batavian endive. For a fla- hat's familiar but power-packed, ess to one of the hotter mustards. 're adventurous, try five or more— ore kinds you combine, the more ses there are in every mouthful.

re easy and fast to grow

start harvesting as soon as plants rge enough to spare a few leaves it a setback—in about six weeks d-winter climates if you sow seeds onth.

u'd rather, delay until cooler er. In low elevations of California rizona, you can plant as late as ctober and still harvest months be- gardeners who start in winter or . For a succession of crops, start three times. In northern and cold- climates, wait until spring plant- ne, or sow now in a hot frame.

can find young seedlings, you'll e to start harvesting even sooner. likely, you'll have to start from Packets of all nine greens here from nursery seed racks.

can also order most of them by from *Park Seed Co.*, Greenwood, 9647 (mustard spinach, 'Southern mustard, 'Seven Top' turnips); *W. Atlee Burpee Co.*, Riverside, 92502 (mustard spinach, Batavian , roquette); or *Stokes Seeds*, Box Buffalo, N.Y. 14240 ('Florida leaf' mustard, 'Shogoin' turnips, Batavian endive, leaf broccoli). All three companies have free catalogs.

Although plants need full sun to mature, getting seeds started is much easier in shade. One method is to make a temporary tent of shadecloth or white sheet over the bed—allow cross-ventilation so heat doesn't build up. To hold additional moisture, cover soil over seeds with wet burlap or newspaper; remove it as soon as seeds sprout.

Or sow seeds in containers indoors or in shade; pop the containers into a plastic bag until sprouts appear. Then keep them in a cool, bright spot until weather cools and more garden space is vacant.

What to do with your harvest?

Recipes here suggest six combinations for salads. For variety and for older, tougher, more pungent leaves, try the soup recipes on page 142.

The secret of the salads is in the blend. Nibble a leaf just enough to judge its flavor and texture (they vary at different stages of growth). Then combine different kinds to get the potency you want.

Mustard spinach and Batavian endive are mild enough to use in large quantities; chicory and leaf broccoli are also fairly mild. The other five have sufficient bite that they should probably form no more than a quarter to half of a salad.

Wash and dry greens thoroughly. Remove any tough midribs or stems.

Greens with Oranges

Oranges add a refreshing tang to mild greens such as endive or chicory mixed with pungent mustard.

- 7 cups mixed greens, torn or cut into bite-size pieces
- 1 can (2¼ oz.) sliced ripe olives, drained
- 2 large oranges, peeled to remove white membrane and thinly sliced crosswise
- Orange dressing (recipe follows)
- Salt and pepper

In a salad bowl, combine the greens, olives, oranges, and dressing; mix and add salt and pepper to taste. Makes 4 to 6 servings.

Orange dressing. Stir together ¼ cup *each* orange juice and olive oil or salad oil, 2 teaspoons red wine vinegar, and ¼ teaspoon paprika.

You eat the tops *of 'Seven Top', left, and 'Shogoin' turnips. Leave roots in the ground to continue producing*

Pungent Greens and Beets

More aggressive greens such as mustards and turnips stand up best to this garlic-infused dressing. For milder flavor, try leaf broccoli or chicory.

- 4 medium-size beets, unpeeled, with root and about 1 inch of stem
- Boiling water
- Vinaigrette dressing (recipe follows)
- ⅓ cup chopped celery
- 5 cups mixed greens (see choices above), torn or cut into bite-size pieces
- Salt and pepper

Cook beets in boiling water to cover until tender when pierced, about 30

ste-testing: *lettuce look-alike Batavian endive; to the right f broccoli. Pick tender small to ize leaves, or cut out entire plants row. His verdict: potent stuff*

minutes; drain. When cool enough to handle, peel off skin and discard; thinly slice beets. Mix half vinaigrette with the beets; cover and chill until cool.

In a salad bowl, combine the marinated beets, celery, greens, and remaining vinaigrette; mix and serve. Add salt and pepper to taste. Makes 4 servings.

Vinaigrette. Stir together ½ cup olive oil; ¼ cup cider vinegar; 2 cloves garlic, pressed or minced; 1 tablespoon Dijon mustard; ⅓ cup *each* chopped red onion or shallot and chopped parsley.

Layered Greens

This creamy dressing complements milder greens such as mustard spinach, endive, or chicory. Or mix butter lettuce with some of the tangy mustards.

- 2 cups chopped or thinly sliced celery
- 3 large tomatoes, cut into thin wedges
- 2 large 'Golden Delicious' apples, thinly sliced and dipped in lemon juice
- 6 cup greens (see choices above), torn or cut into bite-size pieces
- 1 cup walnuts, coarsely chopped
- Creamy dressing (recipe follows)
- Salt and pepper

In a deep 3- to 4-quart bowl, place half of the celery in an even layer. Then layer half the tomatoes, half the apples, half the greens, half the nuts. Repeat layers. Serve creamy dressing on the side to spoon over individual servings. Season to taste with salt and pepper. Makes 6 servings.

Creamy dressing. Mix 1½ teaspoons Dijon mustard with ¾ teaspoon crushed or minced canned green peppercorns (optional) and 3 tablespoons cider vinegar. Beat in ½ cup sour cream and 1 cup whipping cream until smooth.

Mesclun

Often served in Provence is a blend of greens dressed with vinaigrette, called mesclun. Traditionally it combines roquette, butter lettuce, and dandelion. This blend has the classic flavor.

- 5 tablespoons olive oil
- 1½ tablespoons cider vinegar
- 1½ teaspoons Dijon mustard
- 3 tablespoons minced fresh chervil or parsley
- 1 cup roquette or watercress leaves, torn or cut into bite-size pieces
- 2 cups butter lettuce or mild endive, torn or cut into bite-size pieces
- 3 cups chicory, torn or cut into bite-size pieces
- Salt and pepper

In a salad bowl, stir together oil, vinegar, mustard, and chervil. Add roquette, butter lettuce, and chicory; mix together. Add salt and pepper to taste. Serves 4.

Wilted Greens

Pungent greens such as turnip or mustard, or slightly over-mature or tougher greens are especially good lightly wilted in this hot bacon dressing.

- ¼ cup salad oil
- ¼ cup wine vinegar
- 2 teaspoons Dijon mustard
- 4 small thin-skinned potatoes, cooked, peeled, and sliced
- 8 slices bacon, cut into ½-inch pieces
- 5 cups greens (see choices above), torn or cut into bite-size pieces
- Salt and pepper
- Garlic croutons (directions follow)

Mix together oil, vinegar, and mustard. Mix half of the dressing with potatoes; cover and chill if made ahead.

Shortly before serving, cook bacon in a 10- to 12-inch frying pan over medium heat until crisp. As bacon cooks, combine greens and potatoes in a salad bowl.

Subtle to sizzling, *tender to meaty, these greens can be grown in your gar Add mild ingredients to tone them d use more greens for more spirited s*

Lift out crisp bacon bits; add to salad Remove all but 3 tablespoons of th bacon fat from pan; add remainin dressing and bring to a boil. Pour h dressing over salad, leaving pan inverte over greens for a few seconds to wi greens. Add salt and pepper and cro tons; mix well. Makes 4 servings.

Garlic croutons. In a 10- to 12-inch fr ing pan, combine 2 tablespoons olive o or salad oil, 2 cloves garlic, minced pressed, and 1½ cups sourdough brea cubes. Cook over medium to mediu low heat, stirring frequently, until bre is toasted, about 10 minutes; set asid (If made ahead, cover and let stand room temperature for 6 to 8 hours.)

Sweet and Sour Greens

Strong-flavored greens take well to th sweet-sour dressing. Try turnip, mu tard, leaf broccoli, or roquette.

- 5 cups greens (see choices above), torn or cut into bite-size pieces
- ¼ pound mushrooms, thinly sliced
- 2 hard-cooked eggs, sliced
- 2 small tomatoes, cut into wedges
- Sweet and sour dressing (recipe follows)
- Salt and pepper

In a salad bowl, mix greens, mushroom eggs, tomatoes, and dressing. Season taste with salt and pepper. Makes 4 ser ings.—*N. P., San Francisco.*

Sweet and sour dressing. Blend ¼ c salad oil, 2 tablespoons *each* cider vin gar and catsup, 1 to 2 tablespoons firm packed brown sugar, and ¼ cup thin sliced green onion.

A guide to the greens... mild to robust

Mustard spinach, aptly called 'Tendergreen'. This Japanese green has neither the bite of mustard nor the puckery aftertaste of spinach. Whether 4-inch seedlings or fully mature 12-inch plants, our crop was consistently as smooth and mild as butter lettuce, but more substantial. The mildest of these greens, it also matured a week or more earlier than most.

'Southern Giant' mustard. Its light green, lacy leaves have a mild peppery bite when 4 to 10 inches long. But hot weather, dry soil, or age can give them the roaring pungency of dry powdered mustard. As plants mature to 1½ feet tall and wide, use fewer leaves more finely shredded for salads, or use in soup or as a garnish.

'Florida Broadleaf' mustard. Flattened oval leaves are darker and less frilled than 'Southern Giant', but easier to clean. Taste and texture are quite similar, perhaps slightly more pungent. Harvest and use the same as 'Southern Giant'.

'Shogoin' turnip (show-*goyne* or show-*go-een*). Milder, smoother in texture, and faster to mature than 'Seven Top' (below). For a double crop, thin 3-inch seedlings to 1½ inches apart, and use. Stop harvesting leaves on remaining plants after several weeks or when they toughen. Allow roots to mature until 2 to 3 inches across.

'Seven Top' turnip. Controversial for their somewhat raspy earthiness, to their admirers turnip greens add depth and body as vital to salads as the bass notes on a stereo. Pick young, tender leaves for fresh salads; diminish the strength and prickliness of mature leaves by wilting in salads or soup.

'Broad-leaved Batavian' endive, also called 'Full Heart Batavian' or escarole. Put away any prejudices based on other endives—this variety is only faintly bitter if you grow and harvest correctly. Start harvesting when outer leaves are 4 inches long; cut entire heads as plants mature. Heat, drought, or overmaturity may intensify the bitterness beyond acceptability. If so, try blanching leaves for several weeks by tying heads loosely after any moisture on leaves has dried.

Small-rooted chicory. This chicory looks and tastes like a broad-leafed, tender dandelion. Use young leaves in small quantities for a pleasant dash of bitterness For milder flavor, blanch leaves as above.

Rapa leaf broccoli, or rappone. This gree adds body and robust flavor without tastin hot, spicy, bitter, or cabbagey. Use tender leaves as soon as they reach 4 to 5 inches. When dime-size flowerets appear, use the as you would regular broccoli—they sign that plants will soon be spent.

Roquette, also known as arugula or rocke With its sesame-soy flavor, meaty texture, and lingering aftertaste, this is the most mysterious and exotic of these greens. The French use it in a salad called *mesclu* (recipe above). It's also especially favored with tomatoes. Easy and fast to grow, roquette soon bolts to seed, but self-sows readily. Begin to harvest leaves as soon as plants are large enough to spare some.

'Florida Broadleaf' mustard
Pungent
'Southern Giant' mustard
Hot, spicy
Rapa leaf broccoli
Hearty
tard spinach
and tender
Chicory
Mildly bitter
Endive
Lettuce with clout
'Seven-top' turnip
Robust bite
oin' turnip
Roquette (Arugula)
Sesame flavor

KitchenAid

light *and flower-filled windows (left) en this remodeled kitchen t sacrificing overhead storage. ws push out 20½ inches (below). At outdoor spotlight beams on sink*

NORMAN A. PLATT

DAVID STUBBS

Artificial light is a necessity when cooking after dark, but a surprising number of kitchens require lights on during the day, too. Windows are small or not well placed, or daylight comes from only one direction. Bringing in daylight saves electricity, shows off food to its best advantage, and provides a psychological lift to the cook.

Often, however, windows have to compete for wall space with cabinets, and daylight loses out to storage. You needn't sacrifice one for the other, though.

The kitchens shown on these four pages demonstrate three basic approaches for accommodating both storage and windows: light comes in above wall-hung cabinets, between the cabinets and the counter, and through above-counter windows, with storage space elsewhere. In all six kitchens, light enters from more than one direction, providing balanced light for working.

Light overhead and in front of the cook

The north-facing kitchen in the color photograph and in the two smaller pictures at left combines two greenhouse windows just above the counter, two casement windows in front of the sink, and a sloping skylight over a full complement of cabinets. Designed by architect George Cody of Palo Alto, California, for Marilyn and Tig Tarlton, the wall's cutout and popped-out form is revealed from outside.

Each custom-made shed-roof greenhouse window has a 22- by 48-inch top pane that can be opened for cleaning and for watering plants and then locked for safety; Mrs. Tarlton rotates 6-inch pots of flowers into the windows according to the season. The mat finish of the white marble-like countertops softly reflects the indirect light.

PETER O. WHITLEY

Triangular corner *skylight throws light onto diagonal sink counter and snack bar. Even on darkest days, work surfaces require no artificial light*

Triangular skylight balanced by windows

A simpler approach to daylighting is shown above. The south-facing triangular skylight of shatterproof Lexan throws a wealth of light onto all working surfaces; light is balanced by a window and French doors on other walls. Deciduous trees on the south side of the house provide dappled shade during hot summer

Daylight *and* storage

These kitchens have both. Skylights, pop-outs, and greenhouse windows let natural light in... above, below, and between cabinets and shelves

Skylight pop-out *lets in light over sink; it spills into rest of kitchen. Solid wall obscures view of neighbors. Glass sides allow ou*

months. Architect Peter Rodi of Designbank, San Diego, designed the kitchen remodel for Nancy and Bob Eagleton.

Skylit pop-out gains light and space

Hal Carey's kitchen, shown above, was a tiny room with one window facing a neighbor's window several feet away. Portland architect Don Vallaster pushed out the wall 3 feet, plasterboarded the eye-level section, and added a skylight for brightness and side windows for view, ventilation, and light balance.

Although the addition faces west, the closeness of the neighboring building forestalls summer heat buildup.

Greenhouse style: it could be a heat trap, but isn't

In the remodeled kitchen shown at right, new windows and skylights open up the view. The room's orientation to the southeast could make it a sun trap, particularly on summer mornings, but three features minimize heat buildup: double-pane glass bronzed on the outside, reflective shades to pull across overhead, and jalousies at counter level to move heat out quickly.

Counter-level ribbon of stained glass

Another solution to sunlight and storage is a long band of windows below shelves or cabinets. Sacramento architects Chuck Walker and Larry Struck called

DARROW M. WALL

Too much daylight *can cook the cook. Architect Shirley Cartozian Wilson of Atherton, California, designed this wraparound window with reflective Mylar ceiling shades to cut heat in summer months. Owners: Bonnie and Howard Kingold, Woodside, California*

Pop-outs daylight three kitchens. Sliver of stained glass lights another

DAVID STUBBS

'tom panels (seen above from outside) open for ventilation

Three-paneled *skylight angles over cabinet-depth extension in this high-ceilinged room. Light reaches across to work surface, balanced by window to her right. Outside (below), depth of cantilevered section is more obvious*

JOSEPHINE COATSWORTH

ıed-glass windows *below long oak shelves brighten work surface ' of the day. Glassed breakfast area in foreground desk-area at far end of kitchen shed additional light*

PETER O. WHITELEY

ı stained-glass ribbon of light on the side of Nancy and Rudy Nolen's ıen. Part of this glazing opens to v ventilation. Large windowed areas ıch side of the counter (over ■ desk in the breakfast area) further con- ıte to the clean, airy feel of the kitchen. Three long oak shelves store glasses, dishes, and serving utensils.

Cantilevered cabinets, skylights above

The pop-out above right, designed by architect Robert Keenan of Yountville, California, has a 3½- by 10-foot over-cabinet skylight facing northeast. It's a great light supplier for most of the year, but early morning summer sun caused glare on the white plastic counters. For those months, owners Vicky and Frank Panigazzi put shadecloth screens outside the skylights to diffuse the sun. □

The redder the better?

When green peppers turn their peak-season color, they're sweeter, mellower... and beautiful. Let them show off

Only time separates a green bell pepper from a red one. But in terms of use and flavor, the difference is more than visual.

Late summer through fall is the prime season to enjoy this vegetable. Aided by the warmth of harvest days, peppers shift from one personality to another in commercial fields and home gardens. The herbaceous characteristics of the green bell give way to the sweet, mellow, yet delicately pungent flavor of the mature red.

There are other bonuses, too. The Vitamin A content of the red bell pepper is 10 times that of its green counterpart, and its minimal caloric value when fully ripe is almost double. And when cooked, red bells retain their brilliant hue—while green bells fade to a dismal khaki shade.

Green bell peppers are almost always in the market; red ones can be available, too, though they often aren't. They pop up unexpectedly throughout the year and are usually more expensive. Two reasons for their limited supply are that growers regard them as a specialty item because they require more attentive handling than green bell peppers, and they spoil more rapidly. Also, as the weather cools and green bell peppers normally go up in price, the cost of red bell peppers usually escalates at an even greater rate.

Buying and using mature peppers

Soft spots are signs of decay, so check red bell peppers carefully for firmness, then keep them refrigerated and use promptly. Trim away any soft sections.

Any dish using green bell peppers is good with red ones. Simple but effective presentations include strips of red bell peppers spread with ripe Brie or breakfast cheese as an appetizer; thin slices of peppers in sandwiches like egg salad or toasted cheese; hollowed shells as edible containers for seafood or rice salad.

Cooking brings out even more sweetness, and the following recipes capitalize upon their flavor and color. Cheese, eggs, and meat are particularly compatible with cooked red peppers.

Sautéed Red Bell Peppers and Onions

Use this mellow union of peppers and onions as an omelet filling or with roast chicken, grilled lamb chops, or pork roasts. Serve the meat atop the sautéed vegetables so the juices will mingle.

- 4 large onions, peeled
- 4 large red bell peppers
- 2 cloves garlic, minced or pressed
- 2 tablespoons *each* salad oil and butter or margarine
- 2 tablespoons chopped fresh basil leaves (optional)

Thinly slice onions and cut peppers into ¾-inch-wide strips, discarding stems and seeds. In a 10- to 12-inch frying pan over medium heat, cook onions and garlic in the butter and oil, stirring often, until onions are limp and golden, about 30 minutes. Add pepper strips and cook, stirring, until peppers are just limp, about 10 minutes. Stir in basil. Use hot or, if made ahead, cover and chill as long as 3 days. Reheat to serve. Makes 4 to 6 servings.

Red Bell Pepper and Sausage Loaf

Serve this quick-to-make, colorful sandwich for supper on the patio.

- 6 to 8 (1¼ lbs.) mild Italian sausages
- Water
- 1 long loaf (1 lb.) French bread, split horizontally
- 6 to 8 ounces sliced mozzarella cheese
- ¼ cup (4 tablespoons) butter or margarine, melted
- 2 large red bell peppers, seeded and stemmed
- ¼ cup mayonnaise mixed with 2 tablespoons Dijon mustard (optional)

In a 10- to 12-inch frying pan, cover sausages with water and simmer for about 5 minutes; drain well and set aside.

Cover the cut surface of the bottom half of the bread with cheese; brush the cut surface of the top half with some of the butter. Cut peppers into 1- to 1½-inch-wide strips.

On a long metal skewer, thread pepper strips alternately with the sausages, going through the center of each. Place on rack in a broiler pan and light brush with melted butter.

Broil 4 to 6 inches from heat until sa sages are lightly browned, then turn a brush with butter; continue to cook un brown, about 15 minutes total. Pla cheese-topped and buttered halves bread on pan and broil until chee melts and buttered half is toasted.

To serve, lay skewer on the chees topped half of bread. If desired, spre toasted half with the mayonnais mustard mixture. Remove skewer a cut each half of bread into 2-inch po tions. Make into a sandwich or eat wi knife and fork. Serves 6 to 8.

Sweet Red Bell Pepper Relish

Serve this tangy relish as a meat con ment; it also makes an ideal gift.

- 3 pounds (about 6 large) onions, peel
- 6 pounds (about 12 large) red bell peppers, seeded and stemmed
- 1 quart white vinegar
- 3 cups sugar
- 2 tablespoons salt
- 1 tablespoon mustard seeds

Cut onions and peppers into 1-in chunks. Coarsely chop a portion at time in a food processor or put throu a food chopper with a medium blade.

Put vegetables into a 6- to 8-quart ket and stir in the vinegar, sugar, salt, a mustard seeds. Over high heat, bring a boil, stirring constantly. Then redu heat to medium and boil gently, unco ered, until reduced by ⅓; stir often prevent sticking.

Ladle hot relish into 7 or 8 steriliz pint canning jars, filling to ¼ inch fr rim; run a spatula down between rel and jar to release any air. Wipe off rir top with scalded lids and bands.

Place jars on a rack without touching a canning kettle filled with enough water to cover jars by 1 to 2 inch Bring water to a simmer and start cou ing processing time; process 15 minut Lift out jars and let cool on a to away from drafts. Test for a good se Makes 7 to 8 pints.

ig, beautiful red bell peppers: *their bright color and sweet flavor are captured in this festive relish. At their harvest peak now, red bells are milder and sweeter than green bells*

Broiled *on a skewer with juicy Italian sausages, red pepper strips retain their magnificent color and contribute a mellow flavor to this handsome whole-meal sandwich*

DARROW M. WATT

Sautéeing *brings out the underlying sweetness of red bell peppers. They make a showy vegetable dish with broiled chicken legs—or a colorful filling to fold inside an omelet*

Clouds of mist *rise from foggers to cool and refresh the garden just*

Fogging head *fits on hose, but is easily modified for pipe end. Models spray ½, 1, 2, or 4 gallons per minute*

Five foggers turn sma

Whoosh, and this Denver garden is enveloped in a deliciously cool and refreshing mist. Minutes later, the temperature drops 10 to 15 degrees.

Unlike a summer shower, unpredictable and often inconveniently timed, this cooling device is under the control of owner William Mossburg. He turns on the moisture clouds with five fogging heads set on 18-inch-high risers.

At first, this might strike you as a waste of water. But in reality there is little waste; and since cooling the garden and patio also cools the west side of the house, there's less need for energy-consuming indoor cooling equipment. Each fogger uses about ½ gallon of water per minute (average time foggers are on is 15 minutes) and most of that returns to the ground for use by the plants, which are also watered by an independent i gation system. Little water falls on paving itself.

This innovative cooling device is tailo for the West, where summer humidit usually low—it's not suitable for mu climates. Fogging heads cost about $3 at nurseries and garden supply center

This landscape remodel by Guent Vogt of GEV Associates also tackles problem of small-space developm with a minimum of expensive structu elements. The 32-foot-square garden a paved sitting area only about 16 square—about right for two lounges a small table. Extra seating is provi by a 16-inch-high raised planter o by 4's that doubles as a bench. An a ing-covered deck off the house is u when there are real showers.

NORMAN A. PLATE

arrive (above). Staghorn sumacs give woodsy look, will also produce some shade

enver Garden into a cool party place

Steps lead *from awning-covered deck down to garden, where small patio makes remarkably sociable space. Color dots in diagram show where foggers are located*

DON NORMARK

In a Portland back yard, *crusher breaks grape skins to set juice free, then drops them into plastic containers that serve as fermenting vats*

JIM HANSEN

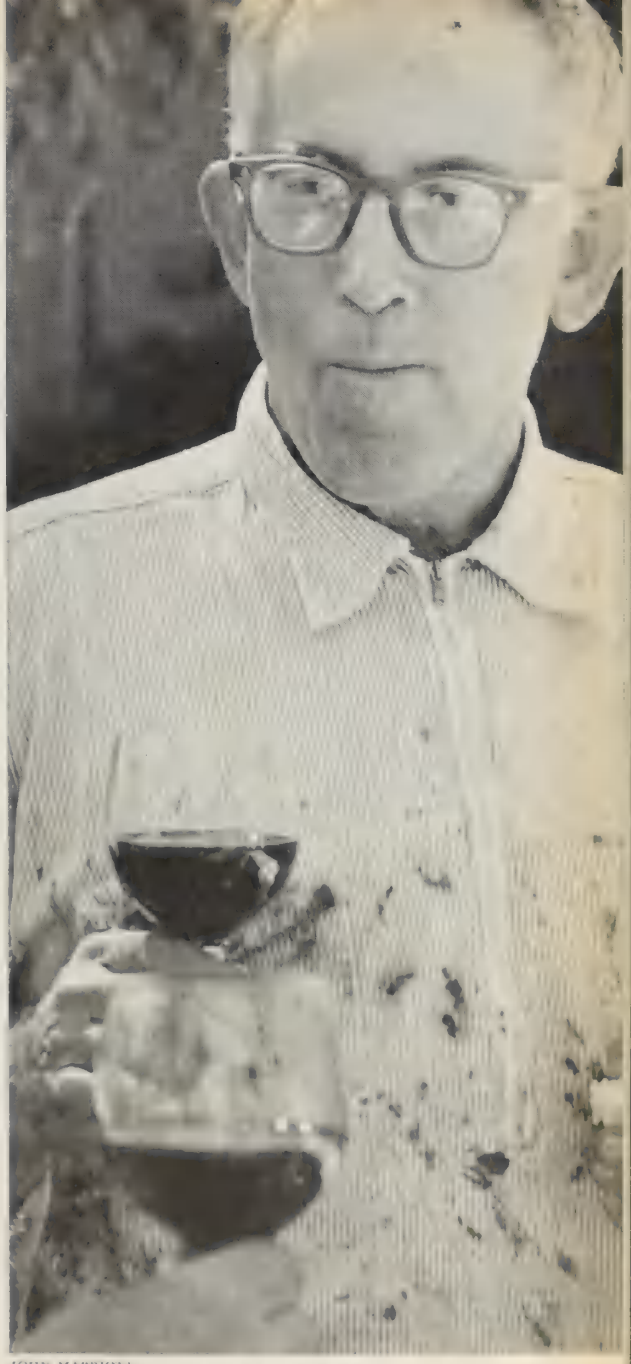
At a Southern California winemakers' shop, *press extracts maximum juice. Red pressed after fermenting; whites are pressed immediately after crushing. This press was provided by wine shop in background—a cost-saver for beginne*

Should you join the ranks of home winemakers?

What do you need? What cost? Where to get grapes? How good's the wine? We got answers from serious amateurs all over the West

W. MARLEY

Northern California house, *siphon from barrel to bottle lles one of winemaking's final tasks. This hearty red has been ing and aging in cool crawl space; bottle aging comes next*



JOHN MARRIOTT

The universal payoff. *Shirt still stained from new crush, he's intently tasting progress of previous year's wine. The prognosis: good*

re's nothing new about making wine ome. The Egyptians were doing so e 4,500 years ago.

what *is* new is the explosive popu- y of winemaking in the basements, ges, and shaded back yards of the tern United States.

ld you join the ranks of amateur ners? This is your decision month, e grape harvest gets underway. You commitment and attention to de- and you'll face some occasionally , messy work. But the cost and ef- may be less than you think—and may find the results to be well h it.

study home winemaking in depth, *Sunset* editors interviewed wine authorities, audited wine classes, and photographed home vintners at work. And last fall, seven *Sunset* staff members got together with an instructor to produce a successful 1980 "Chateau *Sunset*" Cabernet Sauvignon.

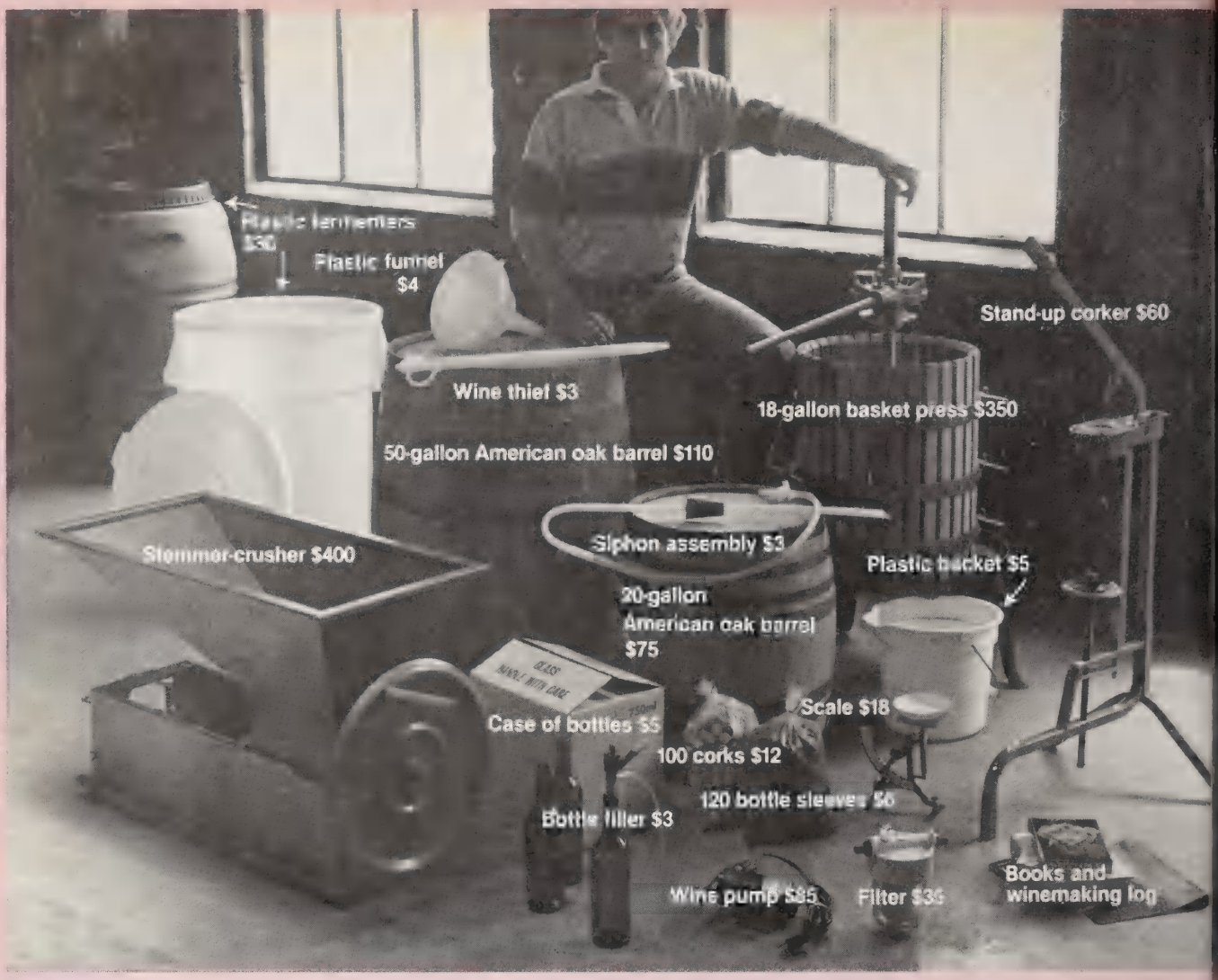
Home winemaking, we came to realize, is a West-wide activity, by no means restricted to traditional grape-growing areas. Vines are growing in more locations, and other areas can more readily obtain good grapes through the increasing number of winemakers' shops.

How good are home wines? A few are frankly awful. But many that we tried were more than satisfactory. And a few were startlingly good. (It's not surprising that a number of well-regarded commercial winemakers have recently emerged from small-scale amateur status.)

One factor in this success story is the increasing availability of winemakers' supplies and chemicals, plus grape concentrates and frozen grapes that let you make wine year-round with less work, wherever you live.

Stripped of its fine points, winemaking is a simple process: fermentation (provoked by wine yeast) converts the grapes' sugar to alcohol, creating carbon dioxide gas (CO_2) as a byproduct. Nature does the work. As winemaker, you just help. But your timing and care are

DARROW M



Going all out: with this gear you can easily produce 200 gallons a year

The array of new equipment shown in the photograph above (prices are approximate) will give you a sophisticated winery that will easily produce your legal limit of 200 gallons per year. But don't be intimidated by expense: most home winemakers rent, ingeniously improvise, or purchase used equipment to keep actual costs surprisingly low—and to keep maximum funds available for quality grapes. Some items—the filter and oak barrels, for instance—are optional. Much of the equipment is available in other sizes.

The smaller cluster of gear shown at right is all you really need to get started on a small-scale, get-acquainted level. As an alternative to fresh grapes, the concentrate lets you make wine

critical to the wine's success.

Your basic tasks: crushing and pressing grapes, controlling fermentation, adjusting acid content, aging and bottling, and —all the while—protecting the wine from contamination and exposure to air.

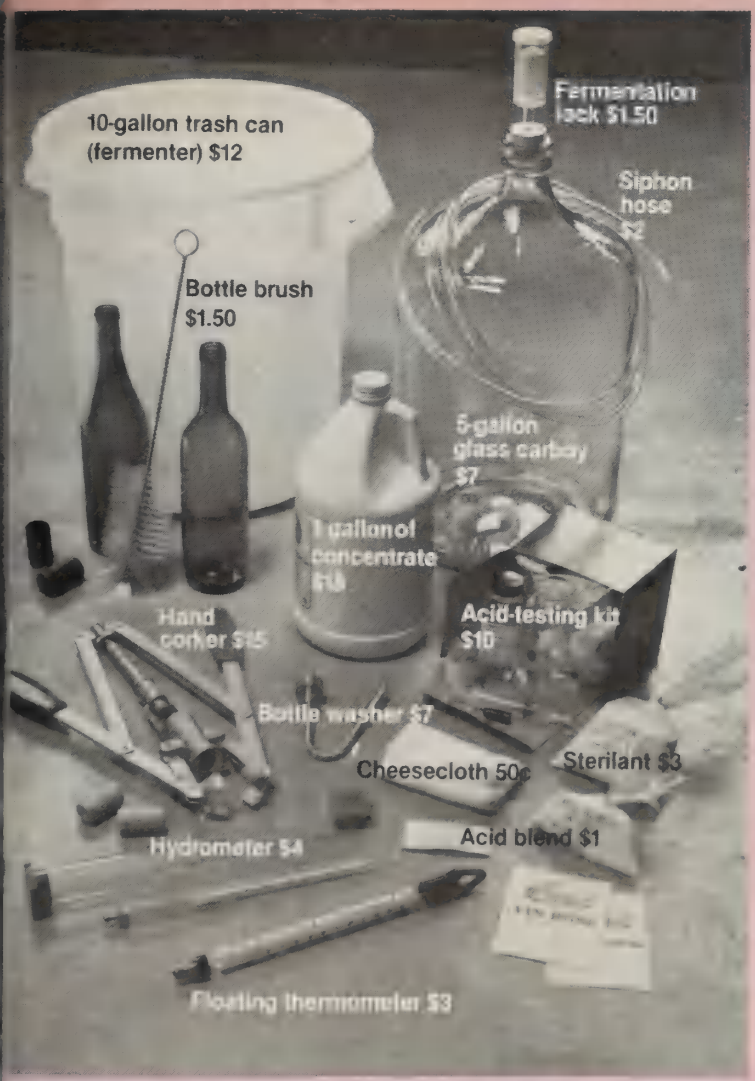
These six pages show you the basic steps involved and the equipment you need. But you'll need more detailed information—specific chemical measurements and the like—before you set to work. *Sunset's* consultants agree on two basic books. *Guidelines to Practical Winemaking*, by Julius Fessler (published by the author, Box 5276, Elmwood Station, Berkeley 94705; $6.50) is a good starter book. *Grapes into Wine*, by Philip M. Wagner (Alfred A. Knopf, New York, 1979; $6.95) is more detailed and helpful as you get more involved.

If you prefer to wait until next year's harvest, you have time to check for courses at community colleges or through university extension programs. Many winemakers' shops also provide or can steer you to courses; look under Wine Makers Equipment and Supplies in the yellow pages.

You do not need a permit to make wine. But federal statutes limit the amount you can make each year to 100 gallons for an individual or 200 gallons per household. (Under a strict interpretation of federal laws, making wine with a group not restricted to your own household may be illegal.) You must be either 18 years old or old enough to buy wine in your state—whichever is older. Most im-

JIM HANSEN

Delivered grapes *usually come in 20 to 50-pound "lugs." Here, a fistful of grapes is detoured from winemaking*



›ove, a beginner's approach

time of year without crushing or pressing; a 1-gallon
:ainer will yield about 5 gallons of wine.
e that no metal except stainless steel comes into contact with
juice after crushing (some crushers even have plastic
dles). What's a "wine thief"? Like a giant pipette, it lets you
into your storage container to sample wine-in-progress.

Sunset's consultants almost unanimously recommend beginning with a red wine; whites are trickier. The steps shown in this article are for reds. One drawback: reds must age longer to reach their peak —delaying your sensory payback.

Grape costs vary widely by variety, quality, and where you live. In the Los Angeles area, for instance, 1981 prices are expected to be about $35 per hundred pounds of Zinfandel and $40 per hundred pounds of Riesling.

For lower cost, you might want to start with a wine grape concentrate; this also lets you experiment any time of year without crushing and pressing. Although the production process for making concentrates subtly alters flavor, some concentrates can yield notably good results.

Shared effort *can increase the fun, speed operation. One Denver winemaker had California grapes trucked in; friends shared the crushing*

BARRY SLAVER

tant: you *cannot* make wine for sale
'or other personal gain.

nning will save you problems later.
't by lining up your equipment (see
tographs above). You also need a
k area, such as a laundry room or
age, where water is handy and
nup easy. During the early, messiest
ges, you can count on major wash-
vns. Temperature control need not be
cise, but it helps to keep the wine in a
ly cool, stable environment—any-
ere between 60° and 80° is fine.

u'll be busiest at the outset, during
shing, fermentation, and pressing.
ey should take about 10 to 15 hours of
r time, spread over a 10-day period.
don't map out a fixed schedule: the
e dictates its own timing.

First, get your hands on the grapes

Whatever your skills, grape quality ultimately determines wine quality. The best wine comes from wine grapes (*Vitis vinifera*), not table grapes. With harvest underway now or shortly, you should move fast to find a source. Near grape-growing areas, you can consult classified advertisements. But as a beginner, you may find grapes most easily through a winemakers' shop. Place your order *early*.

How much will you need? A hundred pounds of grapes typically yields 5 to 7 finished gallons. You're best off making 20 gallons or less until your confidence and expertise grow.

Get assurance from your dealer that the concentrate is fresh.

An innovation: flash-frozen crushed grapes that can be shipped to you on demand, promising higher quality than concentrates. For information, write to Wine and the People, 907 University Ave., Berkeley 94710.

The crush; then the "must" goes into fermenting vats

Before you buy grapes, make sure their sugar content is adequate; this directly determines the wine's alcohol content. Sugar readings are in "degrees" roughly

STEVE W. MARLEY

Skins *rise to top of fermenting red grape "must." Push back down into juice to extract color and distribute heat from fermentation*

JOHN F. MARRIOTT

Hydrometer *measures sugar content, tracks its conversion to alcohol by fermentation. This high initial reading of 30° promises final alcohol content of over 15 percent*

equal to sugar's percentage of the grapes' weight. Final alcohol (by volume) will be approximately half the initial sugar reading, so you want at least 20°—preferably between 22° and 26°—to guarantee enough alcohol for adequate fullness (or "body") and spoilage prevention. In a pinch, you can add sugar before fermentation.

You should be ready to crush the grapes as soon as they arrive. Unless you're using a stemmer-crusher, you'll need to remove stems and leaves by hand. After grape skins are broken, the resulting pulp (called "must" in wine jargon) goes into fermenting vats.

While yeasts that grow on grape skins can produce fermentation, they're accompanied by spoilage organisms. So your first move is to sterilize the must with a sulfur dioxide compound, then use a commercially prepared wine yeast to get fermentation going. Too little sulfur can allow vinegar bacteria to develop, while too much can inhibit fermentation, so measure carefully.

Most important: throughout winemaking, everything that contacts the grapes or wine—equipment, measuring devices, your hands—must be sterilized with a sulfur dioxide solution. Avoid contact with metal, except stainless steel.

Initial fermentation is a visibly active, frothing process that lasts up to 10 days. Skins and seeds are pushed to the top of the vat, forming a cap; you punch the cap back into the juice about twice a day to add flavor and color. You must take regular sugar and temperature readings to be sure that fermentation stays on course.

Fermentation is a heat-producing process, but if the must gets too hot (above about 90°), flavor can suffer and yeast cells die. Therefore, you may have to adjust the temperature of the must or your work area.

You also measure and adjust acid content; kits are available for this purpose.

(Be sure to keep a precise log of all readings and adjustments. If anything goes awry, this may give you a clue to the cause—and fine-tune your skills).

Many wines, especially reds, also undergo a "malolactic" fermentation, which converts malic acid to lactic acid in the finished wine. This is a slow and unpredictable reaction, and can be damaging if it continues after bottling. You can add a "starter" to speed the process.

After final pressing, put fermented juice into carboys

When primary fermentation is nearly done (but while sugar level is still above 2 percent), drain off the juice and press the remaining juice out of the mass of skin, discarding the dry pulp that remains (it makes good fertilizer). The juice then goes into glass containers, often 5-gallon carboys.

Fermentation continues more slow over several weeks. The carboys stoppered with fermentation locks to out CO_2 without letting in air.

You'll never have enough wine to p cisely fill a set of carboys. The remain should be broken down into smaller b tles and covered with plastic wrap, wh expands under CO_2 pressure but ke out air. You'll use this wine to top larger containers that suffer los through evaporation or racking. In emergency, you can also top up wit commercial wine.

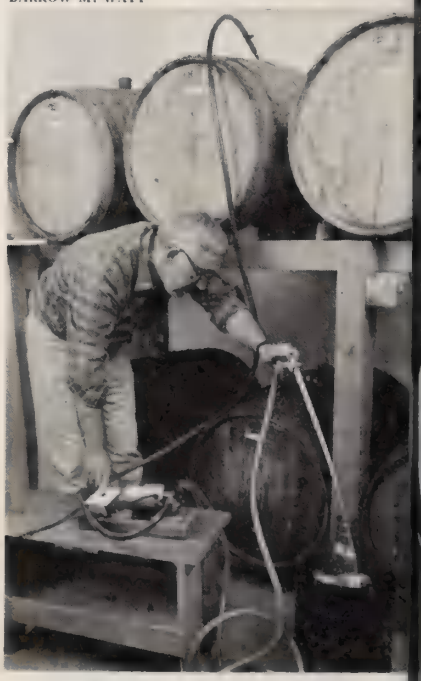
The new wine is on its way . . . storage, aging, settling out

The hardest work is over; now you' p pare the new wine for storage, ag and settling out sediment.

The first step is racking, or transfer the wine by siphon or pump to differ containers to remove it from the inch two of sediment that has collected at bottom of the carboys. Along with cl fying the wine, this process is necess to remove solids that can adversely af flavor. You can siphon with clear pla surgical tubing or with a small w pump that has a plastic or rubber peller.

Place the suction end of the tube d in the fermenter, just above the s ment; to keep wine from splashing

DARROW M. WATT



Racking *transfers wine: to separate it from sediment or to move wine into flavor-enhancing oak casks. Pump speeds process*

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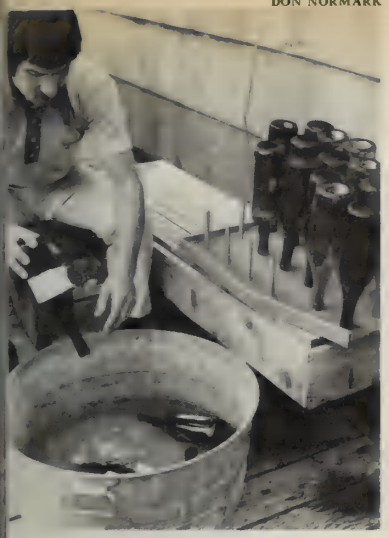
DON NORMARK



reliminary rinse *removes labels om bottles; then they are stood on nd to dry. Sterilize cleaned bottles ith a sulfite solution*

Corking machine *compresses cork, then pushes it into neck of bottle. Next comes the label, then more aging—or drinking*

eing exposed to oxygen, place the other nd at the bottom of the new container. Splashing, or aerating, is called for in nly one instance—when you detect a ydrogen sulfide, or "rotten egg," odor.)

eep your containers topped up and oppered with fermentation locks. ou're likely to have to rack the wine least once or twice more during winter nd spring. To further clarify the wine, ou can "fine" it by using a substance ich as egg whites to precipitate out sus-ended particles of sediment. Mechani-l filtration is another possibility.

ging usually brings oak casks to mind. hey can enhance the flavor of most reds nd some whites; but they're costly and may present problems for beginners: leakage, evaporation, mold, and bacteria. You may be best off forgetting oak—particularly *used* barrels—the first time around. (Some wine shops sell an oak additive—called "instant barrel" by one user—that you might want to experiment with, instead.)

Next summer, time to bottle the wine. Then you age it or start to enjoy it

To have the wine out of the way before next year's crushing begins, you'll be bottling toward the end of next summer. Used wine bottles are fine, but they should be *thoroughly* cleaned and then rinsed with sterilant.

Avoid used corks; new ones are inexpensive. Before using them, soak in a weak solution of sterilant.

Store your bottles on their sides or on their tops in a cool place; reds generally need at least a year or two of bottle aging to reach their full maturity. But since this is *your* wine, you can try a bottle now and then to note what differences the aging makes. □

eeping *fermenting whites cool is vital. his winemaker uses a cold-water vat. ermentation locks atop bottles let out O_2 gas while keeping out oxygen*

Finally *it's time to sample and discuss the results. Wine bottles rest on their sides in crawl space, where cool, stable temperature is optimal for aging*

STEVE W. MARLEY

DON NORMARK

Monkey moves *improve as students swing back and forth, side to side, on course of six overhead hand grips strung on chain*

Slight sag *in upper and lower cables makes 12-foot walk dependent upon grip, arm support, and steadiness of feet*

Arch agility: *children scramble up and over logs bolted to 3-inch steel pipe sunk into concrete-filled holes*

Hang-swing-scramble obstacle course built by parents

If the students of Jefferson Elementary School in Mount Vernon, Washington, are tested some years down the line, they may be at the head of the class in motor skills. A parent-built exercise course at the school has obstacles that make children move, balance, and hang in ways that normal play doesn't.

There are 14 obstacles along the 160-foot-long, 80-foot-wide course. Five of the simplest and most innovative are pictured here. Parents with vocations or skills in architecture, athletics, learning techniques, and construction designed the course. Everyone in the parents' group pitched in to do the work and help raise money to supplement contributions from local businesses.

Most of the structures were made of peeled cedar poles 8 to 12 inches in diameter. For strength, they were notched and bolted together. To avoid protrusions that could nick playing children, ⅝-inch-diameter steel bolts were countersunk into the wood. Low structures were buried in the soil; taller structures merited concrete to keep them steady.

The course was laid out in a figure eight and covered with 6 inches of pea gravel to cushion falls and keep out mud. ▫

Threading around the rungs *is the object here. Once you learn the turns, you work on speed*

Used tires *sunk into ground dip and wobble as marchers maneuver to stay upright, developing their balance in walking*

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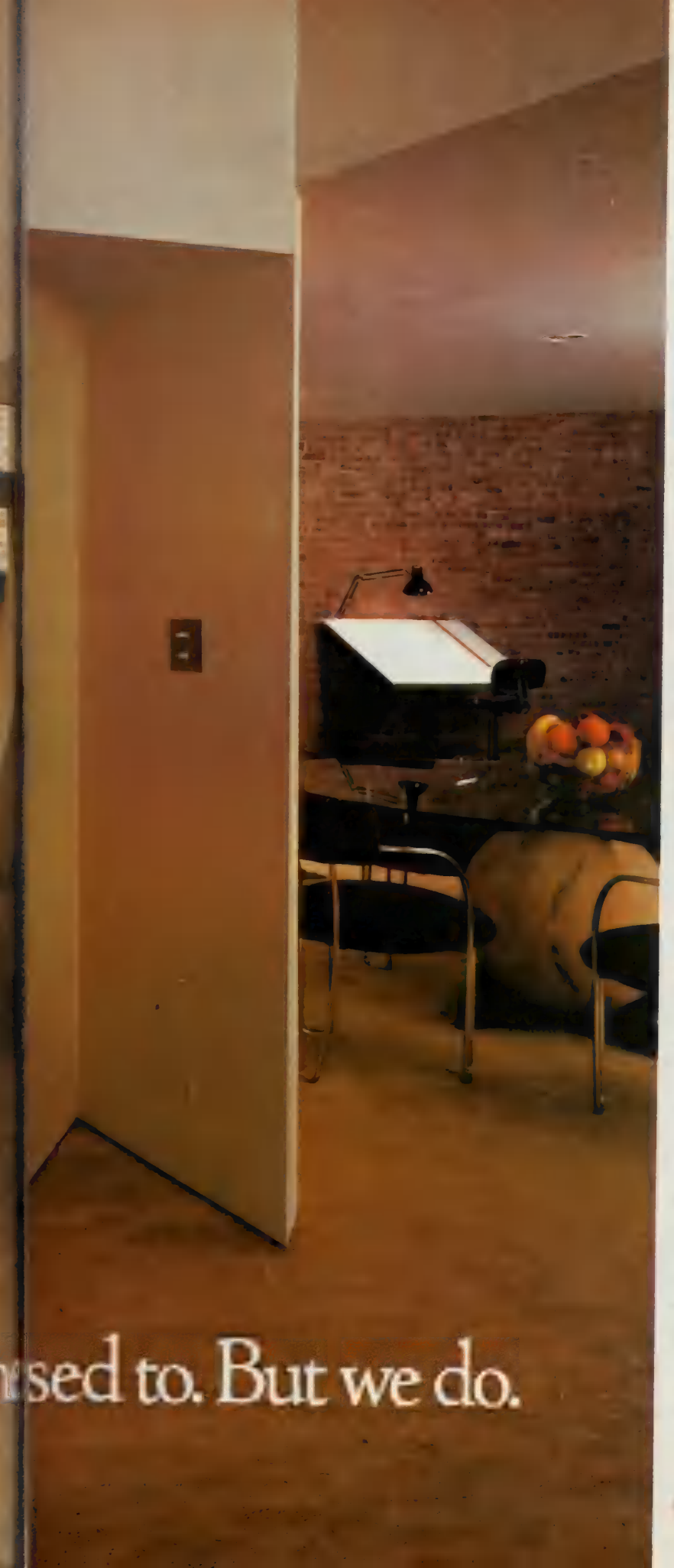
They don't make things the way the



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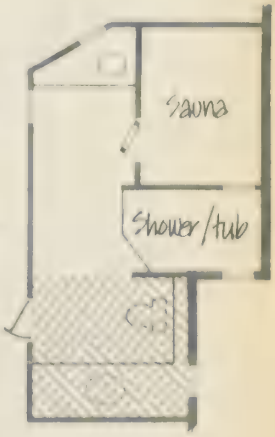
JERRY FREDRICK

Nonclaustrophobic *sauna with panel of glass in door shares wall with tub-shower area. Extra sink adds to room's flexibility*

Communicating wall: *2-year-old Aaron looks through sauna window to oversee shaving conducted in mirror in tiled shower wall*

Found space, borrowed light uncramp this family bath/sauna

Shaded area *shows original bath. By raising eave and borrowing from adjacent room, they gained 64 square feet of space*



Small Victorian window *in old part of room was stripped, reglazed with leaded design*

Where to push a small, slant-roofed old bathroom to get what she wanted for her family wasn't obvious at first, but Audrey Owen of San Francisco was determined to find the answer.

With the help of carpenter Libby McQuiston, she developed two strategies to enlarge the room. First she reclaimed some floor space from an adjacent but little-used spare room. Then she lifted the sloping roof along the outside wall to utilize previously wasted crawl space under the eave and gain height for the room (the ceiling is now 8 feet high).

A 2½-foot-square skylight gives natural light from overhead. To bring more light to every corner of the room, even to the sauna, an ingenious window system was worked out.

From inside the remarkably airy-feeling sauna, you look out an end-wall window, through the tub-shower area, and to an outside window in the opposite shower wall. And above and to the left of the sink shown in the large photograph above, two interior leaded-glass windows (their flower design adapted from that of the accent tiles) let light enter from a second skylight positioned over the spare room.

A novice remodeler when this project began, Mrs. Owen learned fast. "It was two *Sunset* books, *Bathrooms* and *Remodeling with Tile*," she says, "that made it seem do-able." □

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PETER O. WHITELEY

Tent-like *roof lifts off table to reveal long, plywood-covered work table. The bowed PVC crosspieces provide tension for roof. Wooden lids (left) protect tops of table saw, router, and jointer*

Tent shelters well-equipped work table

There's not enough space for both cars and woodworking equipment in most garages. That's why craftsman John Farrow of Los Gatos, California, built his shop outdoors. His unusual work space is a 4- by 16-foot table with a removable roof. Built into the base are a table saw, jointer, router, jig saw, 6 cabinets, and 16 drawers.

Above the table is a lightweight roof of waterproof canvas stretched over a frame of PVC sprinkler pipe. The suspended roof hangs from a system of pulleys and pipes secured to the side of the house; most of the time, the roof sits right on the table to protect the equipment from rain or wind-blown debris.

When Farrow wants to work, he merely lifts the top up. It stays right where he puts it, counterbalanced by two 20-pound lead weights much like an old-fashioned sash window.

To protect the table's base, Farrow used mat-finish polyurethane sealer. □

Intricate *laminated legs, frame, and drawer faces are made of birch. Drawers hold tools and hardware*

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Unretouched photos were taken of lettuce and other food stored in Food Saver drawers after 15-day test.

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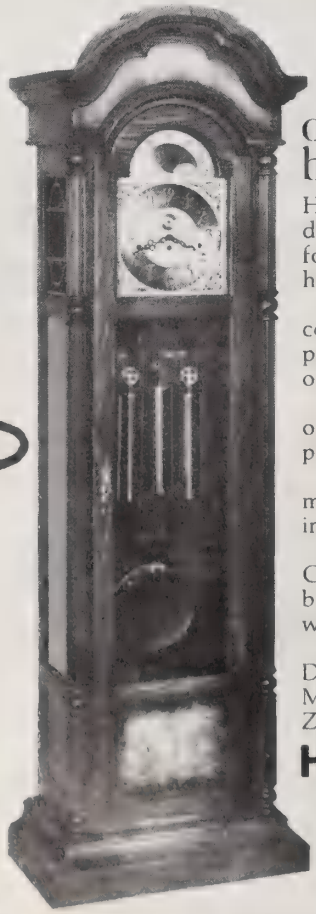
Send 50¢ for our brochure or $1.00 for our operations manual to Garrison Stove Works, Inc., Box 412, Dept. HI, Claremont, New Hampshire 03743.

D. Zagaroli



A Zagaroli original in olive ash burl and solid oak.

Here, Zagaroli set out to design a clock that will be the focal point in your home. And he succeeded.

His unusual use of rare and costly olive ash burl veneer on pediment and base are as typical of Zagaroli as his signature.

You'll find the light brown olive ash an exciting counterpoint to solid oak.

Fluted columns support the molding above the dial with its individually cast spandrels.

Like all clocks of the Zagaroli Collection, this one has a solid brass plate reserved and engraved with the name of the owner.

For a better look at the Dresden, visit your Howard Miller dealer. Ask to see the Zagaroli Collection.

Howard Miller

Zeeland Michigan 49464

Phone toll-free 800-447-4700 for your nearest dealer. In Illinois 800-322-4400. No calls from Alaska and Hawaii. In Canada, Apsco Products.

DAVID STUBBS

Two counter levels *add to convenience: lower for sewing, higher for cutting*

Flip-up counter *mounts at side of cabinet. Storage shelves at back are in old window—a new room is beyond*

Sewing room was a family room

A serious seamstress accumulates a l of paraphernalia over the years, and pa terns, bobbins, spools of thread, ar extra material can fill a closet to ove flowing. That was Sandy Lanou's situ tion until she and her husband, Fran converted a former family room in the home in Aptos, California, into a sp cious sewing room.

There's now lots of new storage spa and a generous fold-up table for cutti patterns at one end of the 10-foot-lo side wall counter. The 36-inch-squa plastic laminate tabletop mounts to t side of the taller 37-inch-high counter a continuous hinge. A braced hardwo arm, mounted to the side of the count swings out to support the top, yielding 6-foot-long work surface.

This is my shining hour.

Do you hate to polish but love to see things shine? I know the feeling. That's why I'm crazy* about Kleen King. Takes an instant shine to copper & stainless steel. Fights tarnish. Objects stay brighter longer. All you do is rub the surface while rinsing. It only takes a minute, but it'll be your shining hour.

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*I'm just as crazy about Kleen King's Aluminum Brightener and Kleen King's Rust & Stain Remover.

Master Station/Bob Arm Company, Kansas City, MO 64101

NORMAN A. PLATE

Wall display of china goes between two windows

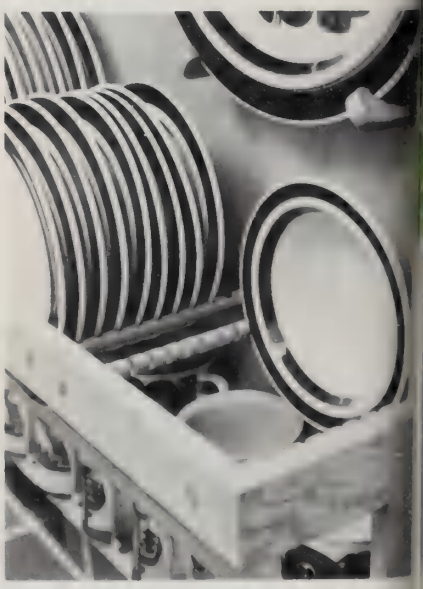
Custom rack *stores plates horizontally and vertically. Rack's sides vary from 2½ to 4 inches wide. Corners have rabbeted joints*

Good-looking dishes and mugs ca grace a wall with this shallow open sto age system. Designed by Oakland arch tect Lewis di Sibio, it displays and hol a service for 10 in a 33- by 38-in space between two kitchen window Only 8 inches deep, it doesn't take u as much room space as a standar kitchen cupboard.

Basically, it's a three-sided frame bui from 1-by-6 vertical-grain fir and backe with ¼-inch vertical-grain fir plywoo (At the bottom, it rests on a fir sill run ning between the windows.) Within th frame are smaller compartments sized t plates, bowls, and mugs. For extra su port, the tall compartment on the le side has 6-inch-deep oak shelves set in dadoed grooves. Wood is sealed with mat-finish polyurethane.

Dinner and salad plates and soup bow are stored vertically in an 8-inch-deep b 31-inch-wide rack of oak 1 by 2 th locks rigidly to the surrounding fir fram with half-lap joints. Three pairs of ½ inch dowels notched at ½-inch interva hold the dishes in place (see photograp below).

The handsome serving plate displaye above the soup bowls rests on two o holders. A dowel peg at the top keeps t plate from tipping out.



Notched dowels *keep plates, bowls in place. Note plate holder above*

Beauty that's more than skin deep.

Architect Wendell Lovett FAIA Seattle Washington

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Roll with the times on the sidewalks of Santa Monica. Catch the perfect wave on Southern California's perfect beaches. Skate, surf, swim or share the sunshine with sea otters and other sun worshipers.

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scover Alaska, smopolitan rage. Take in its g nightlife. Shop e and furs and o artifacts. Pan for ear Nome, Alaska's Rush capital. Take a ride in sled. Or cross the Arctic to the land of the midnight nd visit the Eskimo of Kotzebue. ch the frontier spirit in nks. Cruise the Chena nana rivers in a heel oat.

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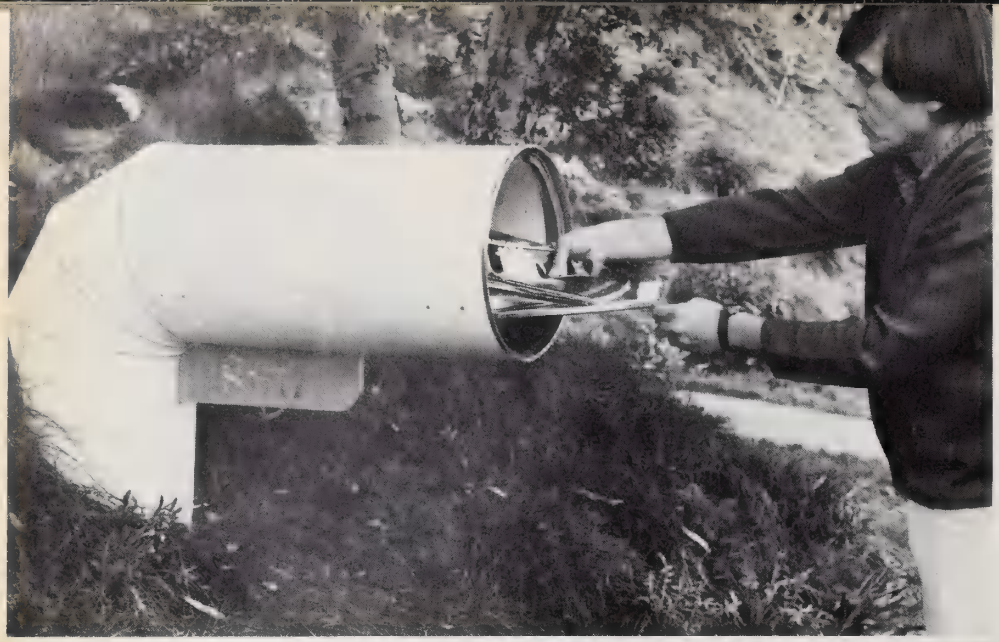

BILL ROSS

Chest-high duct *puts letters and magazines within easy reach from curb*

Round plywood door *opens on a piano hinge. Weatherstripping around edge gives a rainproof closure*

Roomy mailbox serves to improve the mailman's day

High tech comes to curbside in the form of a 12-inch heating duct mailbox outside architect Richard Hahn's home in Beverly Hills, California.

Hahn sank a 3-foot-long duct vertically into a sloping planting bed and filled it half full of concrete. An elbow joint connects it to a 2-foot horizontal duct that receives mail; inside, a plywood barrier keeps letters from slipping down the back. Sections were painted white before assembly. Total cost: about $50.

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Before *(below), small kitchen was cut off from dining room. New buffet (right) angles in to separate spaces without blocking light. Existing glass cabinets were set into new buffet. Dish storage faces dining area. Fireplace was added*

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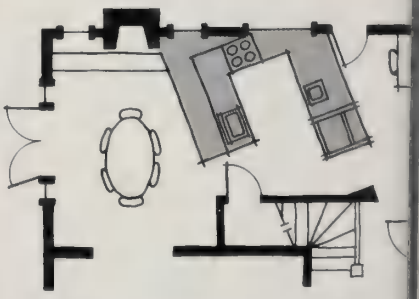
Angling the buffet solves the space problem

Squeeze the dining room, and spaciou ness appears. That's what architect Ge Clements did for Catherine and Jo Wise of Berkeley.

First, Clements removed a nonstructu wall between kitchen and dining roo turning two small square rooms into o generous 17- by 30-foot work and ent tainment area that shares the light fr three sides of the house.

Then he set a new U-shaped coun into the space of the old kitchen, angli one side slightly into the dining roo This 2-foot-deep custom-made bu separates kitchen and dining spa without a wall. "I treated the wh space almost like a piece of furnitur says the architect.



New U-shaped counter *containing sink, stove, and dishwasher delineates the floo space of kitchen and dining areas while allowing them to share newfound openne*

Everyone will know you have the best looking windows. Only you will know you have the easiest to wash.

to the casual observer, the beauty of your windows is obvious. But unless your guests by while window washing is in progress, never know how easy it is to keep the view gh Pella windows crystal clear.

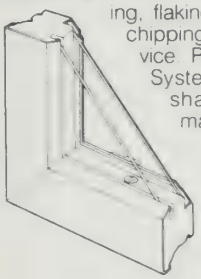
stance, this attractive corner arrangement la Casement windows is kept in spotless ion — inside and out — without leaving the This is because Pella Casements feature a e, patented hinging system that lets the otate toward the middle of the frame allow- ore than ample room to reach every inch of tside glass. Pella Awning windows offer this easy washing feature.

Double Hung windows are just as simple to Each sash nests in a spring-loaded vinyl hat allows the sash to rotate into the house sy access to every corner. And because the otates at its centerpoint, the weight is coun- anced for safe handling.

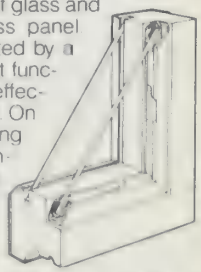
Traditional appearance plus easy cleaning is possible with Pella's removable muntins. These authentically proportioned dividers, made of solid Western Pine reinforced at the intersections with hidden metal dowels, snap out for convenient painting or washing. Choose rectangular or diamond pattern dividers as an option for Casement, Double Hung, Awning, rectangular Fixed Windows and Sliding Glass Doors.

Our exclusive Slimshade* has unique housekeeping benefits too. Narrow metal blinds are attractive and popular. Dusting them is not. Pella answered this problem by offering narrow slat metal blinds placed between the panes of glass in Pella's Double Glass Insulation System. Here the blinds are kept free of excessive dust and protected from damage. There are energy savings as well. All it takes is fingertip action to open the blinds and let in the warmth of the sun. Closed, they help keep in heat at night or reduce heat gain in the summer. Available in Oyster White or Dark Bronze.

Easy maintenance inside. Low-maintenance outside with the Pella Clad System. To eliminate as much upkeep as possible, all exterior surfaces of the Pella window are covered with a securely attached aluminum Cladding. This protective jacket is finished with a White or Dark Brown baked enamel that resists corrosion, chalking, flaking, blistering, peeling and chipping for years of care-free service. Plus, Pella offers the Clad System on custom size and shaped fixed windows to match operable Pella windows and doors. Yet, for all its maintenance free exterior, all you see on the inside is the natural beauty of real wood ready for stain or paint.



Air space. It's one of nature's best insulators, and Pella offers more. Pella's Double Glass Insulation System outperforms ordinary insulating glass, yet can cost less per window! Key to Pella's energy efficiency is a full 13/16" of insulating air space between a fixed outer pane of glass and a removable interior glass panel. This interior panel is isolated by a vinyl gasket and wood that function as a thermal barrier to effectively control condensation. On Pella Casement and Awning windows, flexible weatherstripping similar to the kind on your refrigerator forms a continuous seal between sash and frame thus reducing air infiltration up to 16 times better than industry standards. And Pella has more energy saving options to choose from: Solarcool* Bronze glass for control of heat gain and glare, and Triple Glass Insulation for superior energy efficiency.



Another Pella exclusive. The Contemporary French Sliding Glass Door. If a traditional design is more in keeping with your home, but you can't see giving up modern conveniences and quality, consider the Pella Contemporary French Sliding Glass Door. It features the Pella Double Glass Insulation System, low-maintenance Pella Cladding, the Pella Slimshade, Solarcool* Bronze glazing, and more. As a standard feature, the screen door closes itself and latches automatically. And the toe-operated lock can be set in two positions: Completely closed, or open 3" for security and ventilation.

See all Pella has to offer at your nearest Pella Planning Center. Check your Yellow Pages under "Windows" and make an appointment to see Pella's full line of windows, skylights, sliding glass doors, and folding doors. And ask about our latest innovation, the Pella Sunroom. It's a greenhouse you can live in.

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JERRY FREDRICK

Friends and neighbors, *learning as they work, make up workshop crew that is attaching home-heating greenhouse framework to house at roof line and to foundation while instructor watches*

BILL ROSS

The payoff: *a completed greenhouse. Summer sun, shielded by overhang, warms lower water-filled drums only. Low winter sun will warm them all for slow release of heat to house*

Not a barn raising but almost. You and a learn-on-the-job crew put up a solar greenhouse

rontier barn raisings, solar green- workshops fall somewhere be- do-it-yourself construction and someone to do it for you. With lp of a volunteer work crew, you the cost of adding an effective solar heating device without to go it alone.

hops are offered by nearly 50 private companies and nonprofit organizations in the West. Presented by solar professionals, workshops act as contractors for the job. Between 10 and 25 solar enthusiasts volunteer their time and labor or, in some cases, pay a course fee in exchange for new solar knowledge and construction experience that can be put to use at home.

Details vary with individual workshops, but most have these things in common: They are weekend projects, usually Friday evening for an orientation meeting and all day Saturday and Sunday for construction. The homeowner provides the site for the greenhouse; pays for the building materials and the design fee; and contributes some of the muscle. The workshop provides the design, building permits, and materials (or a list to buy from); helps with site preparation and foundation work; and assembles a work crew, which may include your conscripted friends.

Workshop leaders organize and closely supervise the work, taking time to explain each task. Depending on the complexity of the design and site, the homeowner can expect to have a new greenhouse framed and, in some cases, finished by quitting time on Sunday. Any remaining work is completed by the workshop organizers (at additional cost) and the homeowner.

The workshop shown here was presented by Lorie Bacon and Peter Alpert of SUNRAE in Santa Barbara for Ed and Alice Aspinwall. The Aspinwalls' greenhouse will help heat their house and provide extra growing space for vegetables

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and flowers. Total cost for the pr was $3,000—including design fee, p consulting costs, materials, and an wage for the workshop organizers— qualified for the California solar credit of 55 percent.

(Tax credits for passive solar g houses are available in most states; phone your state tax board for cu regulations.)

To find a workshop near you, see th below. It includes Western SUN (Utilization Network) offices, which be able to refer you to workshop o izers in your area.

Before signing a contract for cons tion, be sure to ask for references take the time to see past work.

CALIFORNIA

Energy Center, Monterey Peninsula College, 980 Fremont Blvd., Monterey 93940; (408) 373-6668

Habitat Center, 2293 Olympic Blvd., Walnut Creek 94595; (415) 932-4043

Net Energy, Inc., 630 Ninth St., Arcata 95521; (707) 822-5926

SUNRAE, 5679 Hollister Ave., Room Goleta 93017; (805) 964-4483

Urban Ecology, Inc., 1939 Cedar St., Berkeley 94709

COLORADO

Colorado Western SUN, 1525 Sherman Fourth Floor, Denver 80203; (303) 866-4470

Colorado Western SUN, Western Slope Office, 531 White St., Grand Junction 81501; (303) 244-1512

Boulder Energy Conservation Center, 929 Pearl St., Boulder 80302; (303) 443-8942

Columbine Institute, 5938 S. Vale Rd., Boulder 80303; (303) 494-0481

D.T.I./Solstice, Box 2043, Evergreen 80439; (303) 674-1597

Energy Extension Service of Northern Colorado, 425 N. 15th Ave., Greeley 80631; (303) 356-4000, ext. 478

Valdez Solar Consultants & Designs, Route 1, Box 3-A, San Luis 81152; (303) 672-3602

NEVADA

Nevada Western SUN, 400 W. King St Suite 106, Carson City 89710; (702) 885-5157

Everhart and Sun, 2335 Derbish Way, Reno 89502; (702) 359-7696

Nevada Solar Advocates, Box 8179, University Station, Reno 89507; (702) 323-1267

Nevada Solar Energy Association, 383 Rayment Dr., Las Vegas 89121; (702) 458-8169

Solar Center Workshops, 3297 Las Ve Blvd., Suite 0, North Las Vegas 89030 (702) 643-9017

UTAH

Utah Western SUN, 825 N. 300 West, Lake City 84103; (801) 533-5424

Sun's Right, Box 370, Huntington 8452 (801) 687-9424 or 687-2285

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Tru-Test® Paints are sold only by True Value Hardware Stores and Home Centers who own their own paint factories and set their own prices. Look under "Paint—Tru-Test" in the Yellow Pages.

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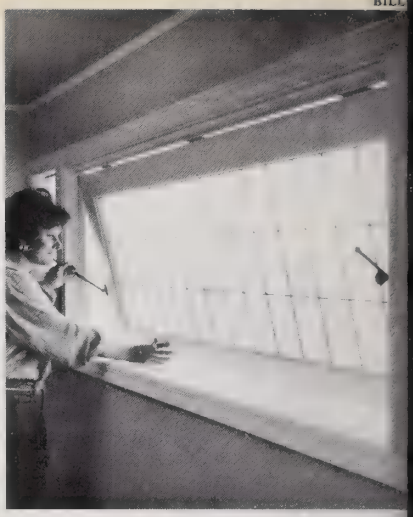


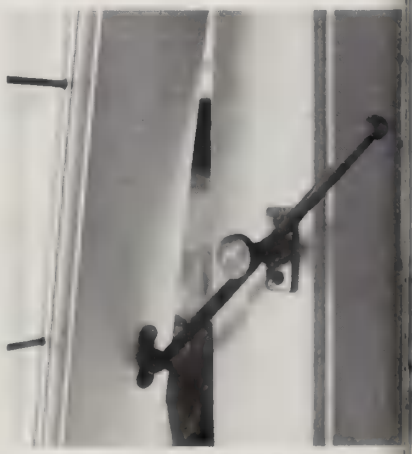
On its side, *leaded-glass door has a second life as horizontal window*

Window is old door on its side

Under a lumberyard sign reading "turned merchandise," Carolyn Skenc ian of Laguna Beach, California, fo the leaded-glass door that she used remodel a window wall. It gave a wl new look to this master bathroom.

First, she removed the existing alu num-frame sliding windows. She panded the opening to accommodate door and stained-glass panels at b ends, adding a 4-by-6 header across top for support. Then she hung the d sideways from three 4-inch butt hin

On the trim at each end, she mounte sliding arm that allows the window open outward. Traditional-style mold completes the turn-back-the-clock model. There is no need for privacy tains, since the land slopes steeply a outside the bath.



Brass hardware *with lock knob holds window at various degrees of open*

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And you don't need a special cartr for it to work. The Biotracer is compati with the widest range of cartridges.

Other outstanding features: a Magl servo speed control system works like quartz watch to lock onto the correct s gel-filled feet isolate the turntable from tions; there's automatic record-size se and other sophisticated features withou sophisticated price.

So the point is simple. If you want play records upside down, there are se turntables to choose from. But if you do record playing right side up, there's rea only one name to choose. It's Sony.

FEATURES AND SPECIFICATIONS: Fully automatic direct-drive turntable with Biotracer tonearm/Active damping of tonearm-cartridge resonances/Linear BSL motor/Quartz-lock Magnedise servo speed control/Sony Bulk Molding Compound base/Wow & flutter 0.025% (WRMS)/Rumble -78dB (DIN B)/ © 1981 Sony Corporation of America, 9 West 57th St., New York, NY 10019. Sony is a registered trademark of Sony Corp.

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JERRY FREDRICK

Safe *from feline marauders, mourning doves peck at seed high in platform feeder*

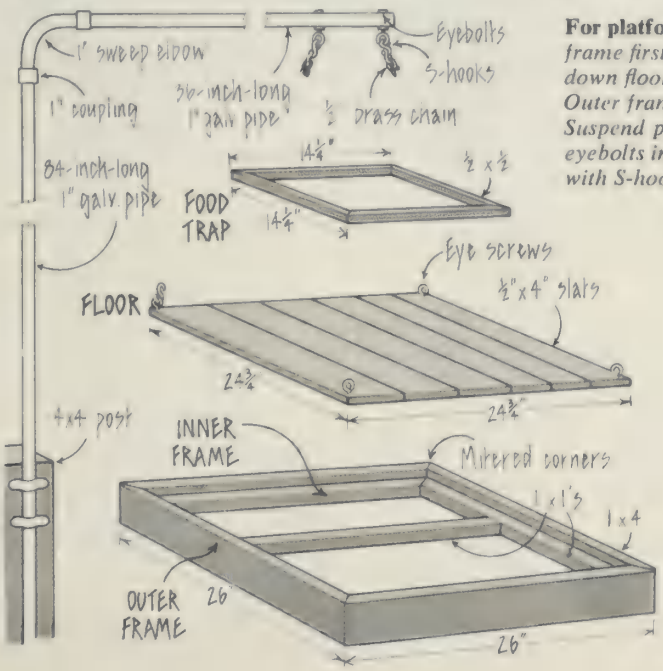
Feeder hangs safely out of cat's reach

Birds in the garden are often prime targets for prowling cats, especially when they're feeding on or near the ground. The platform feeder pictured here is one way to provide a tranquil sanctuary for feathered friends. It hangs from a slippery 7-foot-tall pipe system braced by a 4-by-4 post sunk in concrete.

To make the feeding platform, the owner built a frame of rough redwood 1 by 1's and covered the top with six rough redwood slats. The seed trough is a smaller square of ½- by ½-inch redwood strips nailed to the platform top. Sides were finished with redwood 1 by 4's.

The brown-enameled pipe stand serves as a trellis for camouflaging strands of honeysuckle planted at its base. The honeysuckle's stems are too flimsy to support a cat or squirrel, and its flowers attract hummingbirds.

"The cat tried it out as soon as we hung it," the owner says. "She took a flying leap from a nearby planter bed (scattering the birds in the process), and dangled for a few seconds to a violently swinging platform before slipping to the ground. She hasn't tried since." □



For platform, *build inner frame first, then nail down floor and food trap. Outer frame goes on last. Suspend platform from eyebolts in pipe with S-hooks and chain*

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GLENN CHRISTI

From inside, *you see the can top 10 inches above the kitchen floor. Outsi can slides on steel floor; corner of kitchen door can be seen above the can*

Garbage is sunke hidden, accessibl

A hike across the yard is no longer of the refuse-disposal program at L and Don Desimini's Portland house. signer Ralph Cereghino built this level, two-door closet into their kitc pantry space.

Open the kitchen-side closet door, you have access to the garbage below. From outside the house, a wood door (supported by two heavy-butt hinges) swings out for removin can. When this door is closed, shi matching the house siding render it tually invisible.

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Breuners

DON NORMARK

llow slide-out trays *give this closet lt-in storage drawers. red guides—¾- by 1-inch strips wood—keep the trays in place*

Closet with built-in "dresser"

s efficiency closet packs a lot of con- ient storage into a few square feet of r space.

the right side, there are two tiers of ging space for shirts and jackets.

the left side, a 2-foot-deep built-in esser" holds clothing, bedding, linen, els, and the like in eight trays. Simple es of plywood and 1 by 3's slide ng support guides made with pairs of by 1-inch stock at each side. Leaving ce between drawers allows things to high and also eliminates the need handles.

surfaces were painted white. Design by Seattle architects The Singleton ociates. □

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Is that safe really that safe?

You should probably think twice about getting a home safe, or at least decide why you're getting one before you plunk down any money. As you can see above, safes come in a wide range of styles, configurations, and prices, and many are suited to purposes that may not suit your needs.

A safe can perform two functions: prevent fire damage and foil theft.

Fire protection is the most realistic reason to buy a safe. Fire-resistant letter files and standing files will usually protect valuable documents until the fire is put out; they're rated by Underwriters' Laboratories to work for 1 hour. But they work only for paper. Film, computer disks, magnetic video or audio tapes, or stamps will not be protected in "fire-resistant" files. A safe intended for these valuables costs a great deal more, as you can see above.

Theft protection is more difficult. "If a professional wants to open your safe, he will," said a salesperson at our picture location, Peninsula Office Supply in Redwood City, California. Salespeople there recommend that if you're storing only documents in a key-openable fire safe, you leave the key in the lock. This way, a thief won't damage the safe itself.

Some thieves will simply take the whole safe. You would have to get an expensive safe or have it well hidden, camouflaged, bolted down, or cemented in place to stop a pro.

NORMAN A. PLATE

Check back view without turning

When you're driving, you use a rear-view mirror to see what's behind you; in this bathroom installation in Los Angeles, what's behind you is you.

Designer Karen Valenti mounted the extended side mirror, usually mounted on cars equipped for towing, on a side wall of her bathroom near the main vanity mirror. With the mirror mounted this way, you get the barbershop view of the back of your head.

The mirrors cost around $15 at auto supply and parts stores.

This thick wall prevents rip-offs

One problem with carports is that everythings stays out in the open. Getting desirable items like bicycles and garden tools out of sight and under lock and key is one way to reduce the chance of theft. That is one of the reasons for the long, thick wall along the side of this Del Mar, California, house.

The 22-foot-long wall has five sliding plywood doors that enclose a 24-inch-deep storage area. Owner Bill Loomis secures part of the wall with a hasp and padlock and uses that section to store his 10-speed bicycle and surfboards. The other compartment keeps trash cans out of view of the neighbors.

The top of the 54-inch-tall wall is edge-nailed 2 by 2's, with the section over the trash can hinged to allow access to the cans below. Architect was Peter Rodi of Designbank, San Diego.

ROB SUPER

Opened-up closet resurfaces as study nook

This bedroom closet became obsolete during the process of remodeling. What the room needed instead was desk space for the two boys. With doors removed and a counter, shelves, and two file cabinets added, it works well as both play and study space.

Architect-owner William Hayward made this simple adaptation for his house in Belvedere, California.

Carving board styling in a kitchen countertop

Some carving boards have grooves to keep the juices from spilling over their sides. Craftsman Ross Spaulding of Grayduck Design incorporated this detail into a section of the solid cherry counter he built for Skeeter and John Cramer of Fort Collins, Colorado. Spaulding routed the groove with a ¾-inch-wide veining bit.

GLENN CHRISTIANSEN

Sideboard for bottles to stand up, lie down

Built into this sideboard, designed by architect Judith Chafee of Tucson, is horizontal storage for wine bottles as well as vertical storage for mixes, liquor, and opened wine bottles. Cabinet and drawer pulls are fir 1 by 2's with a quarter-pound routed out of one edge. Above the roll-out bin is a drawer for serving paraphernalia.

The sun gets sliced by a lattice shade

Life under an 8-foot-long, 40-inch-wide skylight can get pretty hot. That's why Gary Ang of Bremerton, Washington, installed two simple 4-foot wooden shade panels to slide over the opening when the light is too strong.

Each shade is made of lengths of 2-inch fir lattice spaced 3/16 inch apart and glued to other pieces of lattice. The frames slide open and shut in tracks made of fir 1 by 2's set on edge and sandwiched between long strips of the lattice. Running the full length of the beams, these tracks are held in place by woodscrews placed about 2 feet apart.

All wood was treated with teak oil.

DON NORMARK

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DARROW M. W

Four-story spice rack *fits into drawer next to cooktop. It pulls out on glides mounted halfway up side of drawer*

Squeezing spices into drawers

Spice storage drawers utilize availa space in these two kitchens, keep spices within reach but out of sight.

Architect Harley Jensen of Lafaye California, fitted the pull-out rack see above into a narrow, almost unusa corner beside the cooktop.

Below, Portland architect Thomas Thompson put angled dividers in standard drawer in Susan and Dan hony's kitchen. The tall spice bottles in the drawer, with their labels tilted a reading angle.

GLENN CHRISTIA

Angled dividers *tip spices into view, allow bottles to fit. Drawer keeps counte uncluttered, spices handy*

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DARROW M.

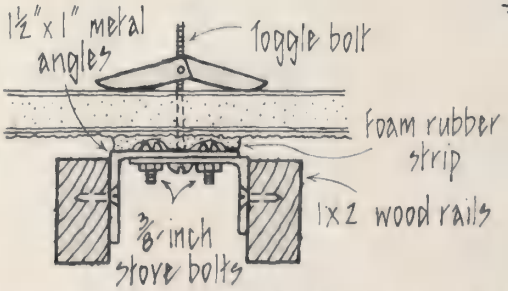
Wood rails *flank metal lighting tracks to help hide electrical cords and reduce number of holes in the ceiling. Spotlights accent collection of fruit crate labels*

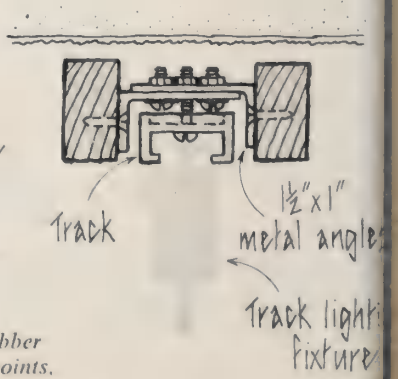
Just three bolts hold up their cross-track light system

For easy moving later, architect Richard Kirchner of Mountain View, California, wanted a track lighting system that would leave few holes in a heavily textured ceiling. The Kirchners installed a cross-track that is suspended only by three toggle bolts—one at each long end and one where the tracks meet.

Two 8-foot metal tracks sit between fir 1 by 2's that intersect and run an additional 4 feet to the wall. The wood conceals electrical cords where they cross the ceiling. Overlapping metal L-brackets (1½ by 1½ inches, cut down to 1½ by 1 inch) secure the track to the wood. □

Electrical cords *are hidden between 1-by-2 rails and ceiling*





At three points *where toggle bolts attach, foam rubber helps protect the ceiling. At right: between these points, the 8-foot track is held by metal angles screwed to the 1 by 2's*

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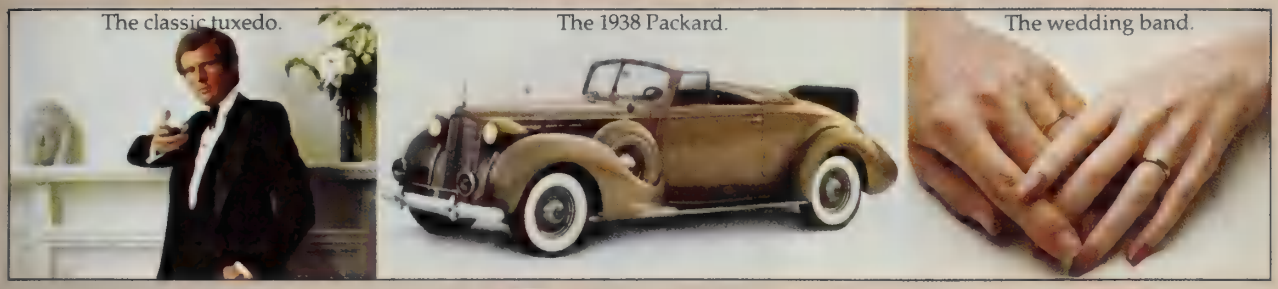

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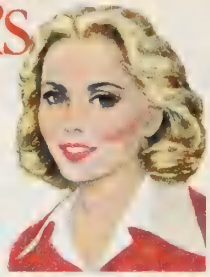
from Mary Willis



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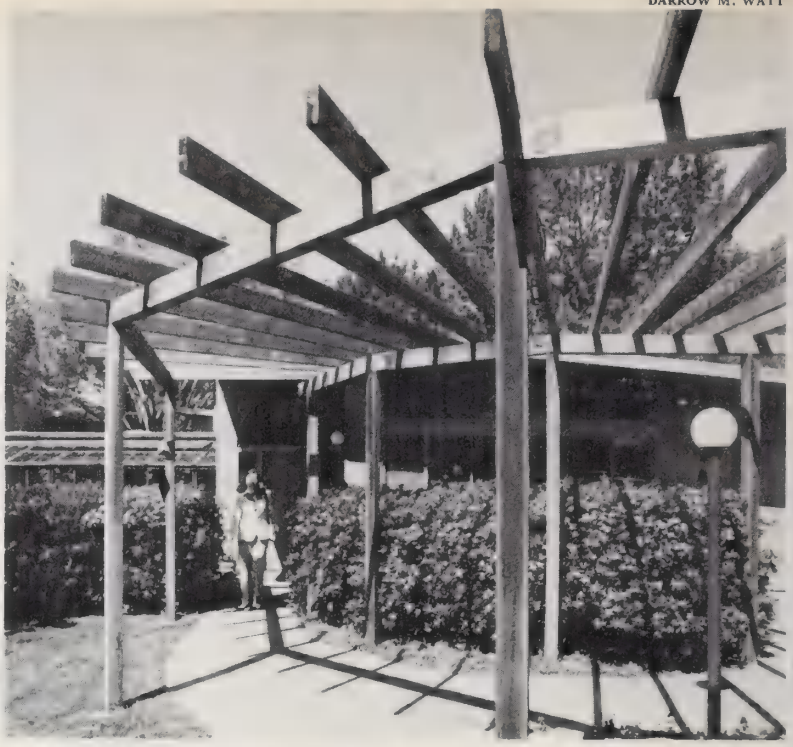
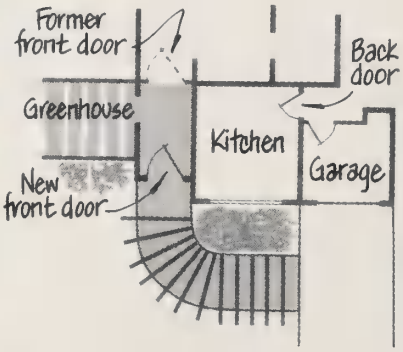
DARROW M. WATT



Gracefully curving *trellis leads to front door and generous new entry hall*



Shaded *area shows remodeling additions: trellis, entry hall, and an 8- by 18-foot greenhouse*

Follow the trellis to the front door

A recessed front door, so well hidden from the street that guests often entered through a back door alongside the garage, prompted Judy and Bob Locker of Lafayette, California, to devise two ways to make it more prominent.

A 7-foot-wide overhang over the old entry walk allowed them to move the front door out 13 feet toward the street —creating a generous entry hall—without changing the roof line. And a graceful trellis now enhances the walk from driveway to front door.

The 9½-foot-high redwood trellis is c structed of 4-by-4 posts sunk in c crete, with 4-by-6 beams supporting by-6 cross members.

Mirrored lightweight acrylic panels part of the ceiling give the entry hal illusion of height. Light floods in fr a glass wall on one side—part of a r working greenhouse that extends the ing room.

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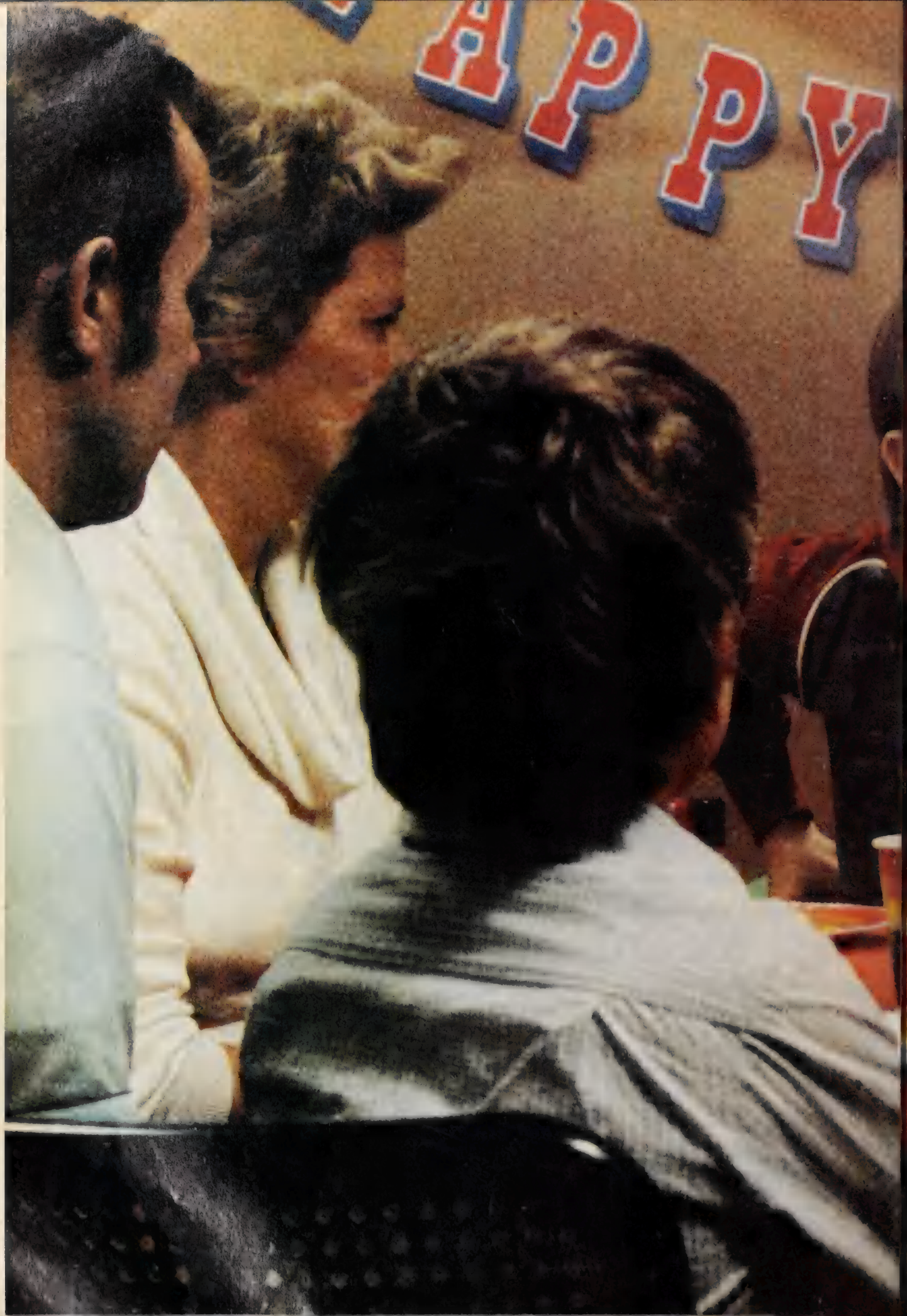
HAPPY

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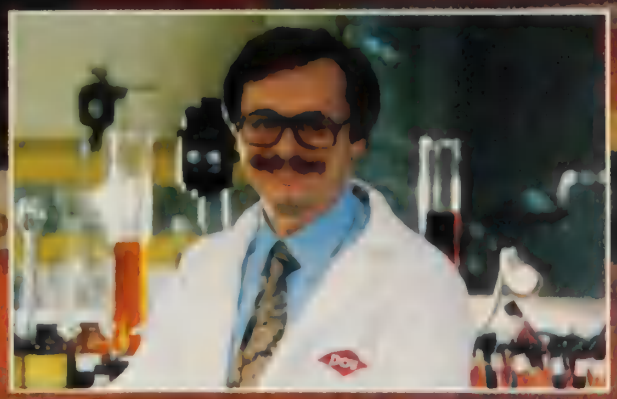

Franco Parenti

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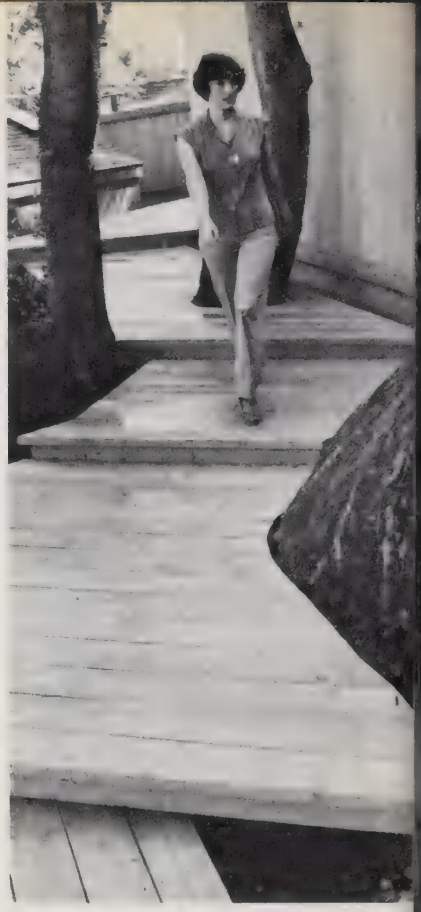
Building around boulders . . . house and deck fit right into natural landscape

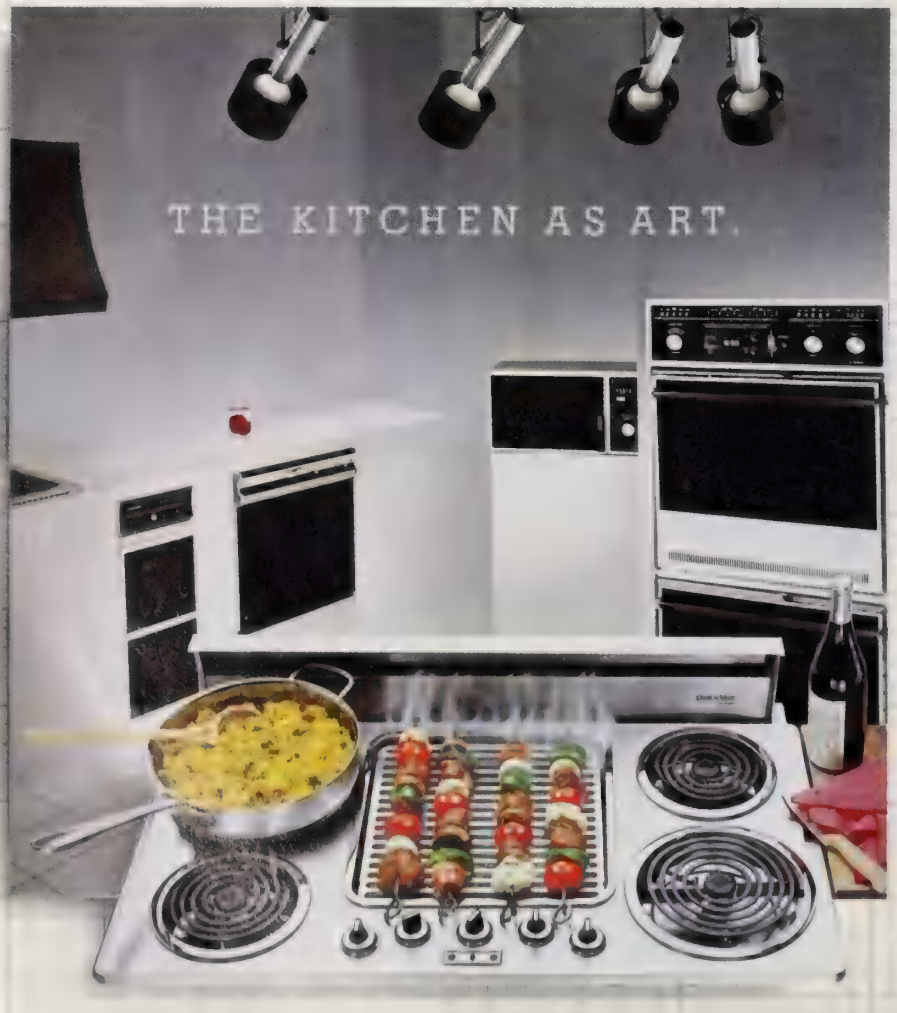
Moss-softened boulders, gracefully spreading live oaks, and a dramatic sloping lot combine, in theory, to make a beautiful site for a home. But in reality it takes careful planning of house shape and surrounding spaces to preserve the natural landscape.

Sacramento architect Jack D. London helped Pat and Carl Meloney of Folsom, California, meet this challenge. The house he designed bends and twists so carefully through the sloping, boulder-strewn lot that only one of the huge rocks had to be removed. Rocks and trees close to the house rise right through the Meloney's meandering deck, helping the structure blend into its site. (Openings for the trees and boulders were cut board by board as the deck was extended away from the exterior walls.)

The deck is constructed of resawn cedar similar to that used for siding; both have been tinted a stony gray-white with a translucent oil-based stain. This unity of color and materials lends a sense of harmony to house and hillside. □



Accommodating deck *of resawn cedar fo contour of house, trees, granite boulders*



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Sunset's Kitchen Cabinet®

Vegetable gardeners and wise shoppers alike know that fresh vegetables abound in September. So our recipe selections this month feature a variety of fresh produce—fragrant basil in a zesty salad dressing, sliced tomatoes sandwiched together wit cheese filling, and a baked fri that uses lots of zucchini.

Other meals this month include a mered rib and bean main dish, oven-fried liver slices paired wi

Ladle portions of this knife-and-fork soup-stew into shallow bowls to serve

Slow-cooked Ribs and Beans

Cook this whole-meal rib and bean dish in a slow cooker or on the stove.

- 1 pound Great Northern beans
- Water
- 1 can (8 oz.) pineapple chunks
- 1 clove garlic, minced or pressed
- ½ cup soy sauce
- ¼ cup lemon juice
- 3 tablespoons molasses or honey
- 2 teaspoons chili powder
- 1 teaspoon *each* ground cumin and ginger
- ½ teaspoon pepper
- 2½ pounds country-style spareribs

Wash beans, cover with water, and let stand overnight. In the morning, drain beans and place in a 6-quart electric slow cooker (or 6-quart kettle). 2½ cups water. Drain the pinea juice into the beans; set chunks a

Also stir into beans the garlic, lemon juice, molasses, chili pov cumin, ginger, and pepper. Cut s ribs so they fit into cooker. Cover cook at low setting for 8 to 12 h or until meat and beans are ten (Or cover, bring to a boil, reduce to medium low, and simmer for 2½ hours or until the meat and b are tender.)

Skim off and discard fat; add pin ple chunks and heat through. M 8 servings.—*B. M., Reno.*

Fresh aromatic basil adds distinctive flavor to this salad of mixed greens

Salad Italiano with Basil Dressing

Another time, you might serve this basil dressing over sliced tomatoes.

- 3 tablespoons *each* wine vinegar and grated Parmesan cheese
- ½ teaspoon dry mustard
- ¼ teaspoon *each* salt and pepper
- 6 tablespoons olive oil or salad oil
- ¼ cup chopped green onion
- ½ cup chopped fresh basil leaves
- 1 small cucumber
- 2 small tomatoes
- 1 can (8 oz.) garbanzo beans
- 3 quarts mixed torn lettuce
- About ½ cup croutons

In a small bowl, stir together the vinegar, Parmesan cheese, mustard, salt, pepper, oil, onion, and basil. Set aside while preparing the salad. (Basil darken if dressing is made more 2 hours ahead.)

Peel and thinly slice the cucu and cut the tomatoes into thin we or slices. Also drain the garbanzo a large salad bowl, layer the let cucumber, and garbanzos; arr the tomatoes on top. Serve (or c and chill up to 2 hours, if desi Blend the basil dressing, then over the salad and toss to b evenly.

Sprinkle the croutons on top serve. Makes 4 to 6 servings—S *Vancouver, Wash.*

You steam and mash a goodly amount of zucchini for this oven-baked frittata

Baked Zucchini Frittata

Serve portions of this frittata as a vegetable dish.

- 6 medium (about 2 lbs.) zucchini
- 3 eggs
- 1 cup seasoned croutons
- ½ teaspoon garlic salt
- ¼ teaspoon pepper
- 1 tablespoon melted butter or margarine

Cut off and discard zucchini ends; thinly slice zucchini and arrange on a steamer rack. Cover and steam over boiling water until tender when pierced, about 8 to 10 minutes.

Spoon zucchini into a bowl and coarsely mash, then let drain in a wire strainer for about 5 minutes. R zucchini to bowl and beat in the until blended. Stir in ½ cup o croutons, garlic salt, and pepper

Pour into a shallow greased 1½ 2-quart baking dish. (This much be done ahead; cover and chill u 4 hours.) Slightly crush remai ½ cup croutons and sprinkle top. Drizzle with melted butter.

Bake, uncovered, in a 350° oven frittata is firm to the touch, abou minutes (allow 25 minutes if c Cut into large squares or wedges serve hot. Makes 4 to 6 serving *M. H., Phoenix.*

tomato sauce, and moist crumb with an apple butter filling.

you create recipes this month, them to *Sunset Magazine*, Menlo , Calif. 94025. We pay $25 for recipe published.

September harvest bounty... zucchini bake, tomato "sandwich," basil salad dressing

ato Cheese Stacks

e tomato "sandwiches" go well chicken or meat.

clove garlic, minced or pressed
cup chopped parsley
large package (8 oz.) cream cheese, at room temperature
teaspoon savory leaves
Salt and pepper
or 4 large ripe tomatoes
tablespoons *each* salad oil and butter or margarine
cup all-purpose flour
egg beaten with 1 tablespoon milk
cup seasoned bread crumbs

together the garlic, parsley, n cheese, and savory until led. Season mixture to taste with the salt and pepper.

Core tomatoes, then cut a thin slice off the top and bottom of each (save for other uses). Cut each tomato into ½-inch-thick slices, making 12 in all, and let drain on paper towels.

Divide cheese mixture equally and spread evenly on half the slices; set remaining tomato slices on top.

Heat butter and oil in a 10- to 12-inch frying pan over medium heat. Dust tomato sandwiches with flour, dip in beaten egg, then coat with crumbs. Place in pan and fry, turning once, until brown on both sides. Serves 6. —*C. M., Truckee, Calif.*

Spread jumbo tomato slices with cream cheese, then coat with crumbs and fry

n-fried Liver with Tomato Sauté

n-frying is an especially easy way epare liver on a busy night.

ounds beef liver, sliced ½ inch thick
ablespoons butter or margarine
ablespoon chopped parsley
easpoon *each* oregano leaves and paprika
easpoon *each* marjoram leaves and pepper
Tomato sauté (recipe follows)

off and discard membrane, then liver into serving-size pieces. butter into 10- by 15-inch ed baking pan and let melt in as it is heating to 400°. Stir in arsley, oregano, paprika, marjoram, and pepper; add liver and turn to coat.

Bake, uncovered, for 12 to 15 minutes or until liver is still slightly pink in center; cut to test. Serve tomato sauté alongside. Serves 6.—*D. S., Sacramento.*

Tomato sauté. In a 10- to 12-inch frying pan over medium heat, melt 3 tablespoons butter or margarine. Add 1 large onion (sliced), 2 cloves garlic (minced or pressed), and ⅓ pound mushrooms (sliced). Cook until onion is limp and mushroom liquid evaporates. Add 2 medium-size tomatoes, cut in wedges, and stir gently to heat.

Offer the tomato and mushroom sauté to spoon over or serve alongside liver

le Butter Crumb Bars

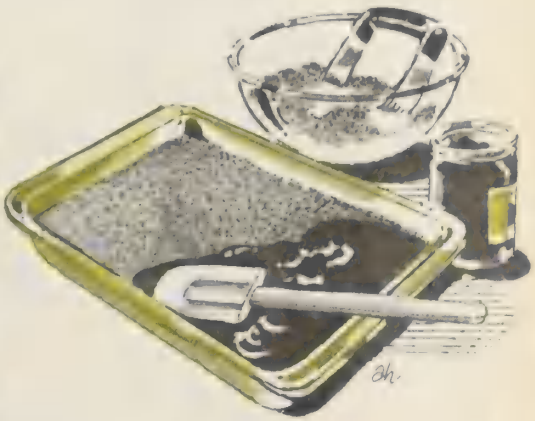
these layered oat and apple butars as cookies, or cut them into es and top with ice cream or ped cream for dessert.

cups all-purpose flour
teaspoon baking soda
teaspoon ground cinnamon
cups quick-cooking rolled oats
cup chopped nuts
cup firmly packed brown sugar
cup (½ lb.) butter or margarine
ar (16 oz.) apple butter or 1½ cups homemade apple butter

arge bowl, stir together the flour, cinnamon, oats, nuts, and n sugar. With a pastry blender or 2 knives, cut the butter into the flour mixture into small particles. Spread half the mixture evenly over the bottom of a 9- by 13-inch baking pan and press down lightly.

Spread the apple butter evenly over the crumb layer, then sprinkle the remaining oat mixture evenly over the top; press down lightly.

Bake in a 400° oven until golden brown, about 25 minutes. Let cool completely in the pan on a wire rack. Cut into bars or squares. Wrap airtight to store: they soften on standing. Makes 3 dozen bars, about 2 dozen squares.—*V. A., San Diego.*



Between top and bottom layers of oats and nuts, there's one of apple butter

Some breads are nose breads, aromatic with dill, caraway, cardamom, or . . . you try to guess

Chefs of the West®

The Art of Cooking . . . by men . . . for men

There are all sorts of basic, no-nonse white or brown breads; these are the st of life. There are also sweet brea fruited, iced, or otherwise meddled w these brighten our breakfasts or remi us of our holidays. Between the there is an ill-defined but enticing gro which, for lack of a better name, could call aromatic breads.

These suggest unusual flavors without serting them too strongly, and the vors they suggest owe as much to nose as to the tongue. They may be vory (dill, caraway) or mildly sweet (c damom, orange peel). Here is Eric L cilantro spice loaf, which combines best of both styles. The cilantro (fr green coriander leaves) combines cit peel and herbal flavors. Cinnamon clove enhance the flavor of cilantro wi out overcoming it. Honey amplifies sweetness, but only by a suspicion.

Try this bread on knowledgeable co and see if they can define the source the flavor. Serve it warm for maxim aroma, but slice carefully; it is quite s For easier slicing, let the loaf cool firm up.

Cilantro Spice Bread

- 1 package active dry yeast
- ¼ cup warm water (about 110°)
- 1 egg
- ½ cup honey
- ½ cup chopped fresh coriander leave (cilantro)
- ½ teaspoon ground cinnamon
- ¼ teaspoon ground cloves
- 1 teaspoon salt
- 1 cup milk, at room temperature
- ½ cup (¼ lb.) butter or margarine, melted and cooled
- 4 to 4¾ cups unbleached all-purpos flour

In a large mixer bowl, sprinkle y over water; let stand about 5 minute soften. Mix in the egg, honey, coriar cinnamon, cloves, salt, milk, and but Add 2½ to 3 cups of the flour and with electric mixer at medium speed u dough is elastic, about 5 minutes. W heavy-duty mixer or by hand, stir about 1 cup more of the flour to for stiff dough.

Turn dough onto a floured board; kn until smooth and satiny, 15 to 20 utes, adding more flour as needed to vent sticking. Place dough in a grea bowl; turn over to grease top. Cover rise in a warm place until doubled to 2½ hours.

Punch dough down and knead o lightly floured board for 2 to 3 minu Shape dough into a round and plac a greased, deep 2-quart baking dish (s as a soufflé dish). Cover and let ris a warm place until doubled.

Bake, uncovered, in a 325° oven for to 60 minutes or until top is crusty

YOU ALWAYS HAD A GOOD FEELING ABOUT SOUP. AFTER YOU READ THIS YOU'LL KNOW WHY.

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And when compared to other foods in a Nutrient Density Rating System** used by nutritionists, many of the most popular soups come through with flying nutrients. **In fact, some soups have more nutrients per calorie than other good foods you think are very nutritious.** For instance, calorie for calorie, Campbell's Chicken Noodle Soup has more protein and thiamin than peanut butter, or rye bread.

In another way of rating soup, based on U.S. Department of Agriculture data, one 10 ounce serving of Campbell's **Old Fashioned Vegetable Soup has more Vitamin A than 2 heads of lettuce, 12 ears of corn, or four tomatoes.**

And soup is not only good for your body. It's good for your soul. When you come home from a hard day all frazzled, a heart-warming cup of zesty Minestrone can really unwind you. Because what could be more soothing than soup?

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So you can see, there's a good reason for the good feeling you get with soup. One of the many reasons why Soup is Good Food.

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*As published in The American Journal of Clinical Nutrition, April, 1981

**Source: Hansen, R.G., Wyse, B.W., Sorenson, A.W., The Nutritional Quality Index of Foods, AVI Publishing Co., Inc., Westport, Conn. 1979

Note—Mean value sources for nutrient comparison: USDA Handbooks No. 8 and 456 and Campbell Soup Co.

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"We call them Chicken Breast Cutlets, feeling that mock has overtones of chicanery"

bread sounds hollow when tapped. Turn out on a wire rack to cool completely before slicing. Makes 1 loaf.

Edmonds, Wash.

Fingers were invented before forks, but are not invariably superior to them. Tacos are a revered finger food; a well-made example combines a crisp shell with soft tomato, spicy meat, cool lettuce, hot sauce, and sharp cheese. It is an adventure for tongue and teeth alike. But there is one drawback: if the shell is flawlessly crisp, it is likely to fracture along invisible fault lines and spill its contents, embarrassing the diner and disobliging the lady who does the shirts and the tablecloth.

Bud Lawhead devised this salad so that he and his guests could experience the great blend of flavors found in the taco without risking the possible mess.

Taco Salad

- 1 pound lean ground beef
- 1 large onion, chopped
- 1 tablespoon chili powder
- ½ teaspoon *each* ground cumin and oregano leaves
- Prepared taco sauce
- 1 medium-size head iceberg lettuce
- ¼ pound bean sprouts
- 1 cup thinly sliced green onion, including tops
- 1 small cucumber, diced
- 1½ cups (6 oz.) shredded sharp Cheddar cheese
- 3 cups crushed tortilla or corn chips
- 2 medium-size tomatoes, cut in wedges

Place a wide frying pan over medium-high heat; add beef and cook until crumbly. Stir in onion and cook until limp; discard excess fat. Add chili powder, cumin, oregano, and 2 to 3 tablespoons taco sauce; mix well and set aside.

Remove and discard lettuce core; cut lettuce into shreds and place in a large salad bowl. Add bean sprouts, green onion, cucumber, and cheese. Cover and chill if made ahead.

Just before serving, add meat mixture and tortilla chips; mix well, then garnish with tomatoes. Pass additional taco sauce at the table to use as a dressing. Makes 6 to 8 servings.

Los Angeles

Because John Quincy Adams, a former beef eater, was advised by his physician to dine on chicken and fish, he has spent considerable time devising ways to prepare these foods. He calls his prize chicken recipe Mock Veal Cutlets; we have presumed to call them Chicken Breast Cutlets, feeling that *mock* has overtones of chicanery that have no place in this simple, elegant recipe.

These cutlets are baked, not fried, and as a result, their fat content is low; nevertheless they do not have the poverty stricken aspect and flavor of many low fat, low-cholesterol dishes. The meat is moist, and the breading gets a buttery richness from the Parmesan cheese.

J. Q's Chicken Breast Cutlets

- 4 whole chicken breasts, split, boned, and skinned
- ¾ cup fine dry bread crumbs
- ⅓ cup grated Parmesan cheese
- Salad oil
- Paprika, salt, and pepper
- Lemon-mushroom sauce (recipe follows)

Place each half chicken breast between pieces of clear plastic wrap. Pound with a mallet until meat is about ⅜ inch thick. In a shallow pan, combine bread crumbs and cheese. Lightly brush both sides of meat with oil, then dip into crumb mixture to coat evenly.

Arrange chicken in a single layer in a greased 10- by 15-inch baking pan. Sprinkle lightly with paprika, salt, and pepper. Bake, uncovered, in a 400° oven for about 15 minutes or until golden brown and meat is no longer pink when slashed.

Meanwhile, prepare sauce. Arrange chicken cutlets on a serving platter. Drizzle sauce evenly over top and serve.

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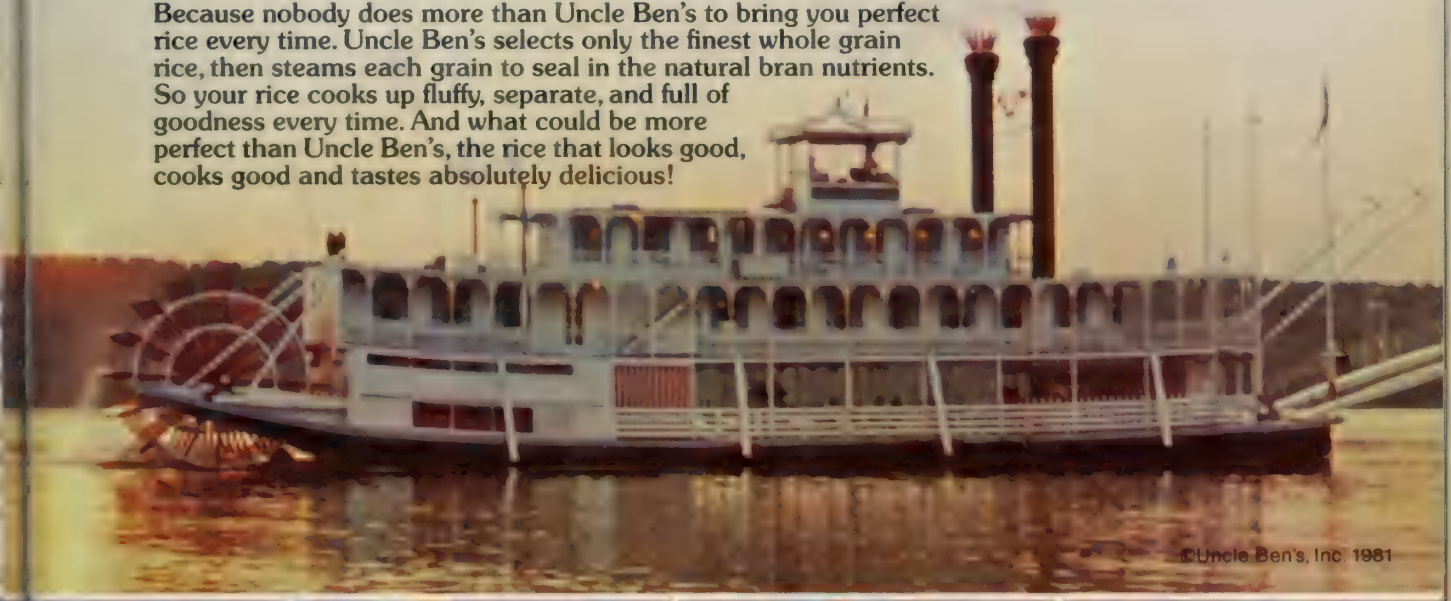

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at once. Makes 8 servings.

Lemon-mushroom sauce. Melt 3 tab spoons butter or margarine in a 7- to inch frying pan over medium heat; ¼ pound mushrooms, sliced, and co until mushrooms are golden. Stir in tablespoons lemon juice, 1 tablespo chopped parsley, and ½ teaspoon rosemary. Heat to simmering, then p over chicken.

John 2. Adams

Huntington Beach, Calif

What's different about this beef st In the first place, its recipe does not for salt (the tomatoes have plenty). N ther does it call for any thickening. nally, potatoes, a cornerstone of the us beef stew, are missing, but only one our tasters noticed their absence.

If you like your stew with thick bro gravy and plenty of potatoes to mud with it, this stew may not impress y If you like a dish in which meat and ve table flavors are distinct and true, yo love it. One taster put it succinctly: has more class than most stews."

Tomato Beef Stew

- 1 pound top round steak
- 2 tablespoons salad oil
- 1 large onion, chopped
- 1 large green or red bell pepper, seeded and chopped
- ½ pound mushrooms, sliced
- 1 can (1 lb. 12 oz.) tomatoes
- 1 can (8 oz.) tomato sauce
- 1 teaspoon paprika
- ¼ teaspoon *each* thyme and marjoran leaves and pepper
- ¼ cup dry red wine
- 2 large turnips, peeled and cut into chunks
- 6 small carrots, peeled and sliced
- 3 stalks celery, sliced

Trim and discard excess fat from me cut meat into 1-inch cubes. Heat oil i 5- to 6-quart kettle over medium he add meat and cook until brown on sides. Lift out and set aside. Add on and green pepper to kettle and cook u onion is limp. Stir in mushrooms a cook 2 to 3 minutes longer.

Return meat to kettle; add tomat (break up with a spoon) and liquid, mato sauce, paprika, thyme, marjora pepper, and wine. Bring to boil; cov reduce heat, and simmer for 1½ ho or until meat is tender when pierced.

Meanwhile, place turnips, carrots, a celery in a vegetable steamer. Cover a cook over boiling water until vegetab are tender when pierced, 5 to 8 minu Lift from steamer. Add vegetables meat mixture during last 10 minutes cooking to reheat. Serves about 4.

Robert C. Thoma

Redlands, Calif

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"My daughter said, 'Mom, this is the best thing you've ever made!'"

When Mrs. Gilbert Capson of Salt Lake City, Utah, heard that from her daughter, Dorothy, she knew she had a winner. Her creation, "Honey Pork Oriental," made with French's Brown Gravy Mix won a "French's Prize Recipe Award" for turning ordinary pork into a really special dish. You'll find original, prize-winning recipes from creative cooks everywhere on the back of each French's Prize Recipe Sauce, Gravy, and Seasoning Mix package.

Linda Capson's Honey Pork Oriental

2 pounds pork shoulder steaks
2 tablespoons oil
or melted shortening
1 envelope French's Brown Gravy Mix
¾ cup water
¼ cup honey
3 tablespoons soy sauce
2 tablespoons red wine vinegar
1 teaspoon French's Ginger
½ teaspoon French's Garlic Salt
4 carrots, thinly sliced
1 medium onion, cut in 6 wedges
1 green pepper, cut in squares
cooked rice

Cut pork in 1-inch squares, discarding bones. Brown pork in oil in large skillet, stirring frequently, 15 minutes. Combine French's Brown Gravy Mix, water, honey, soy sauce, vinegar, ginger, and garlic salt. Add to skillet, cover and cook 20 minutes. Add carrots; cook 10 minutes. Add onion and pepper, cook 5 to 10 minutes. Serve with rice. 4 to 5 servings.

French's Prize Recipe
For cooking that could win a prize.

DARROW M. WATT

ps *of pear sorbet with almonds*
liced pears make a light dessert

Snowy white pear sorbet

ozen purée of fruit, called a sorbet, metimes served to cool the palate een courses of a meal or as a re- ing climax. In tiny portions, snowy e pear sorbet (pronounced sor-bay) es an intriguing intermediate step een poultry or veal entrées and a . To serve as an icy dessert, top generous portions with toasted ed almonds and sliced pears.

Sorbet

cup dry white wine
ablespoon lemon juice
cup sugar
arge firm-ripe pears, peeled, cored, and sliced

small pan, combine the wine, lemon sugar, and pears. Bring to a boil high heat, cover, and simmer until are tender when pierced, about 5 minutes. Pour fruit and syrup into nder or food processor and whirl puréed; pour into a shallow metal and freeze until solid.

ove sorbet from freezer and let at room temperature until you can it into chunks with a heavy spoon. chunks to food processor and whirl a smooth slush forms (or beat y with an electric mixer, gradually asing speed to high as mixture turns smooth slush).

into a freezer container; freeze hard. Serve, or package airtight tore in freezer as long as 2 months. es about 2 cups; allow ¼ cup for termediate course serving, about ½ or a dessert serving. □

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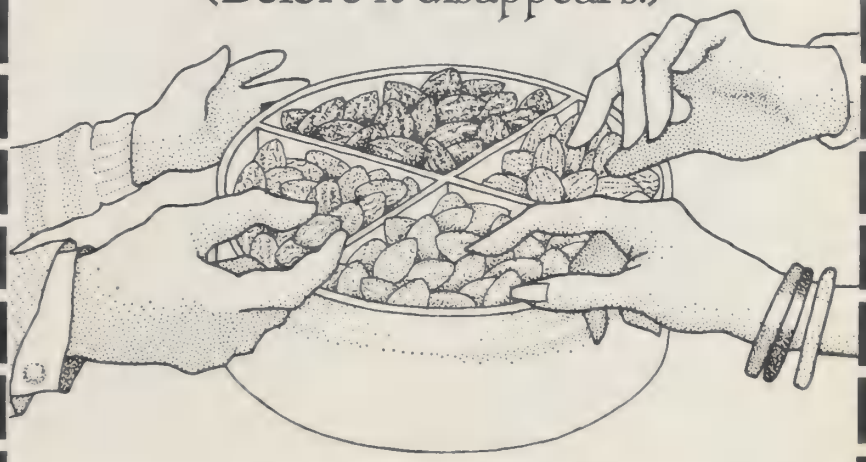

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DARROW M. W.

Hot fondue buffet *offers an array of savory sauces and dippers; guests do their own dunking at this walkabout din*

Four-stop hot pot buffet

Party dinner for 8 to 12 is all dip-and-eat. First stop is vegetable pot, next chicken-shrimp, then meatballs. Last stop: raspberry dessert dip

ou like to keep guests circulating you entertain, this hot fondue buf- ay be just right for your next dinner . Guests move about, serving them- s as they will, and choosing from a ting variety of dippers and dipping s. And you're free to circulate, too.

main-course menu includes three nd-eat dishes: a creamy cheese for dipping raw vegetables and cubes; a lemon-laced soy butter ipping morsels of chicken breast shrimp; and tangy sweet-and-sour balls. To top off the meal, there's a ruby red raspberry sauce for dip- chunks of fresh fruit or cake.

our sauces keep at good dipping stency for at least 3 hours with very ttention from the cook.

heese sauce requires a 2-quart con- ; use a chafing dish with water bath ondue pot or other heatproof con- with an adjustable canned-heat or -alcohol flame. Keep meatballs hot y 2-quart or larger heatproof con- over direct heat, such as canned- or liquid-alcohol flame. Both the n-butter dip and the raspberry sauce e only a 1-quart container and can t warm over a candle-type warmer an electric hot tray.

ur sauces can be prepared up to a head, to rewarm before serving. time the morning of the party for ring and assembling the dippers. might serve the three main dishes e table, then offer the dessert sauce eparate sideboard or table.

de each guest with a small plate y paper ones are fine), a napkin, fondue or kitchen fork or a long en skewer for dipping.

asy-to-give party accommodates 8 adults. To serve a smaller group, one of the entrées or decrease the ities of dippers. For a larger crowd, double the sauce recipes, then use as many dishes to serve them.

ny Cheese Sauce with Vegetables

e sauce, place 2 large packages (8 *ch*) cream cheese or Neufchâtel in 3-quart pan over direct low heat; equently. As cheese melts, gradu- tir in 2 cups buttermilk, blending smooth. Add 2 cloves garlic, d or pressed, and 4 cups shredded ssed Swiss cheese. Stir until cheese (If made ahead, cover and chill.)

rve, place pan with sauce over low nd stir until smooth; add a little milk if needed to thin to dipping tency. Keep hot in a hot water over a low flame in a chafing dish, fondue pan over a very low flame; casionally.

he vegetable dippers, allow about s raw bite-size vegetables for each Choose from carrot sticks, cherry

With a long fondue fork, *sampling is easy*

tomatoes, green pepper strips, broccoli or cauliflower flowerets, small whole mushrooms, and lightly cooked whole green beans. You'll also need 1 loaf (1 lb.) crusty French bread, cut into 1-inch chunks, and, if desired, about 1 pound cooked ham, cut into ½-inch cubes.

Lemon-Soy Butter with Chicken and Shrimp

For the sauce, melt 1 cup (½ lb.) butter or margarine in a pan over low heat. Stir in ½ teaspoon ground ginger; 1 teaspoon *each* soy sauce and lemon juice; and 1 clove garlic, minced or pressed. Keep warm over a very low flame or on an electric warming tray; stir occasionally.

For the dippers, you'll need 3 whole cooked chicken breasts (about 3 lbs. raw) and 1 pound shelled cooked medium to large shrimp (30 to 40 per lb.). Strip skin and bones from chicken and discard; cut meat in 1-inch cubes. Cover meat and fish and chill until ready to serve.

Meatballs in Sweet-and-Sour Sauce

For the meatballs, combine in a bowl 2 pounds ground beef; 3 tablespoons fine dry bread crumbs; 1 egg; 1½ teaspoons garlic salt; 1 teaspoon ground ginger; 2 teaspoons Worcestershire; ¼ teaspoon pepper; and 1 large onion, chopped. Shape into 1-inch-diameter balls. Place side by side, but not touching, on rimmed baking sheets. Bake, uncovered, in a 425° oven for 15 minutes or until well browned. Discard fat.

For the sauce, combine in a 2- to 3-quart pan 2 cans (8 oz. *each*) crushed pineapple, drained (reserve juice); ½ cup firmly packed brown sugar; 2 tablespoons soy sauce; 2 teaspoons ground ginger; ½ cup chopped green pepper; and 1 can (4 oz.) chopped pimiento, drained. Cook over medium heat, stirring, until mixture is heated through and sugar is dissolved.

Combine the reserved pineapple juice (you should have about ½ cup), ⅓ cup vinegar, and 2 tablespoons cornstarch. Add to pineapple mixture and cook, stirring, over high heat just until sauce boils and thickens. Remove from heat and stir in meatballs. If made ahead, cover and chill as long as 24 hours.

To prepare for serving, place meatballs and sauce over medium heat and cook until gently simmering; stir gently, occasionally. To present, set pan over a very low flame; stir occasionally.—*B. B., Whittier, Calif.*

Raspberry Dessert Sauce with Fruit

For the sauce, whirl 2 packages (10 oz. *each*) frozen raspberries, thawed, in a blender or food processor until smooth. Press through a wire strainer; discard seeds. Pour juice into a 1- to 2-quart pan. Combine ¼ cup water and 3 tablespoons lemon juice with 2 tablespoons cornstarch. Add to juice and cook, stirring, over medium-high heat, until mixture boils and thickens. (Cover and chill if made ahead; reheat before using.) Stir in 2 to 3 tablespoons orange-flavored liqueur, if desired.

To serve, set pan over a very low flame or on an electric warming tray; stir occasionally.

For the dippers, you'll need about a 10-ounce pound cake or angel food cake, cut into 1-inch squares. For fruit, use 2 large oranges, with peel and membrane cut off and fruit cut into 1-inch segments; 2 bananas, peeled and cut into thick diagonal slices; and 1 medium-size pineapple (about 2 lbs.), with outer peel and core removed and fruit cut into 3-inch-long spears. If desired, also serve homemade or bought cookies, allowing 2 or 3 per person. □

Sweet finale—*a dippable assortment of cookies, cake, and fresh fruit to try with glistening raspberry sauce*

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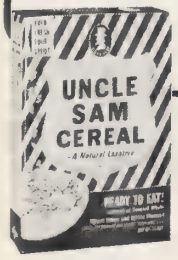

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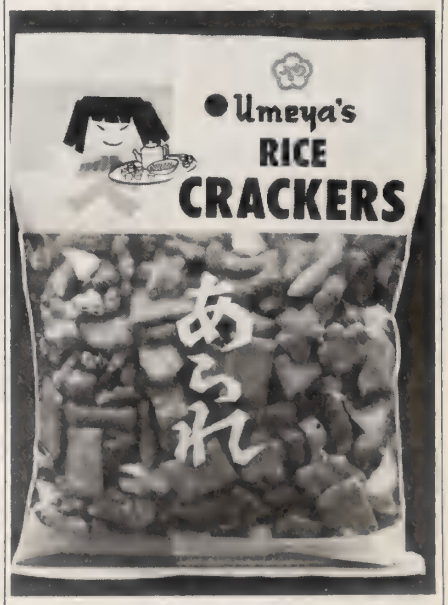

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Game hens . . . greeably piquant

weetly astringent flavor of Concord s makes a fascinating foil for Rock ish game hens. The roasted hens mall whole hens, or cut larger birds alf) rest on sautéed bread slices d with pâté made from the giblets.

ish Hens with Concord Grapes

Rock Cornish game hens (about 1¼ lbs. *each*) or 2 game hens (about 1½ lbs. *each*)
alt and pepper
bout ½ cup butter or margarine
easpoon ground nutmeg
ablespoons cream sherry
up regular-strength chicken broth
easpoon rubbed sage
hallot (or white part of large green onion), minced
up finely diced cooked ham
lices (each about 1 inch thick) French bread
up dry Vermouth
easpoon cornstarch blended with 1 tablespoon water
up stemmed Concord grapes

ve and set aside livers and hearts birds. If birds are larger than 1¼ ds each, cut in half lengthwise. and pat dry. Season cavities with nd pepper. Place birds with breast up (halves with cut sides down) in low roasting pan without crowding. ¼ cup of the butter; mix in nutmeg nerry. Bake in a 375° oven, basting with butter mixture, until birds are rowned and leg joints move freely, 40 to 50 minutes.

while, brown livers and hearts in 2 tablespoons butter in a 10- to 12- rying pan. Add the broth, sage, and t. Boil rapidly, uncovered, until re- to about 3 tablespoons; stir in Whirl mixture in a blender or food ssor until a paste; set aside.

bout 2 tablespoons butter to the pan; on medium heat, brown both of the bread in the butter; lift from nd spread with the liver paste. Ar- on a warm serving platter. Place en (or a half hen) on each bread nd set in a warm oven while pre- sauce.

the roasting pan over medium- heat; add Vermouth to pan drip- and stir to release browned parti- Stir in the cornstarch mixture and stirring, until sauce is thickened lear. Gently stir in the grapes and until just heated through. Spoon and grapes over the hens. Makes ings. □

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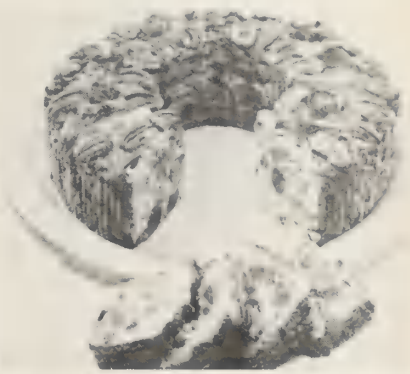

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Recipe for Lucca Frozen Cheese Ravioli
Pesto Sauce

2 cups firmly packed fresh Sweet Basil
1/3 cup (approximately) Olive Oil
4 cloves garlic
1 cup fresh grated Parmesan Cheese
1/3 cup chopped pine nuts (optional)

Combine sweet basil and garlic in blender or food processor. Chop until fine. Remove. Place in a bowl. Add cheese and oil. Mix by hand thoroughly until you have a thick smooth paste. Add pine nuts last.

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DARROW M. WATT

Greens add subtle zest *to creamy bisque: left, mild mustard spinach; right, lacy 'Southern Giant', 'Florida Broadleaf', both hot*

Mustard greens make tangy soup

The hot pungency of mustard greens fits well in these two soups. The creaminess of the bisque tempers the keen taste of the greens, but enough character remains to give the soup a pleasant tang. In the second soup, a light broth, the mustard's flavor is more pronounced.

For pronounced flavor in either recipe, choose a pungent green such as 'Southern Giant' or 'Florida Broadleaf' mustard (see page 66). For a milder soup, use greens of mustard spinach, or mix hot and mild greens. Both recipes are an especially good use for greens that are past their prime for salads. You can also make these soups with other similar-flavored greens from the store or your garden.

Creamy Bisque with Mustard Greens

¼ cup butter or margarine
1 large onion, chopped
3 quarts leaves of mustard greens (see suggestions above), cut into 1-inch strips and lightly packed in measuring container
3 large baking potatoes, peeled and sliced
4 cups regular-strength chicken broth
3 cups milk
1 clove garlic, minced or pressed
½ cup whipping cream
¼ teaspoon ground nutmeg
Salt and pepper
2 hard-cooked eggs, finely chopped (optional)
Lemon wedges

In a 5- to 6-quart kettle, melt the butter over medium heat. Add onion and cook, stirring occasionally, until limp. A greens and stir until wilted. Add p toes, broth, milk, and garlic; cover simmer until potatoes are tender w pierced, about 25 minutes. Whirl n ture, a portion at a time, in a blende food processor until smooth; return kettle.

Stir whipping cream and nutmeg soup. Heat to simmer, stirring, and se hot; add salt and pepper to taste. O the hard-cooked egg to spoon into s and lemon wedges to squeeze on. Ma 6 to 8 servings.

Broth with Mustard Greens

About ½ pound lean boneless por
½ cup sliced canned bamboo shoots
6 cups regular-strength chicken bro
2 large cloves garlic, pressed or minced
3 cups mustard greens (see suggestions at left), finely shred
Salt and pepper

Trim excess fat from pork and disc Cut meat into julienne strips. Cut bamboo shoots into julienne strips. 3- to 4-quart pan, combine the br garlic, pork, and bamboo shoots. B to a boil; lower heat and cover and s mer until meat is no longer pink, ab 5 minutes.

Add greens and simmer, uncove stirring occasionally, just until gr are wilted but still bright green, 2 t minutes. Add salt and pepper to ta Makes 4 servings.

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Poof! go the lighted antennae, *then good-by caterpillar. He disappears into individual ham salad sandwiches that go with fruit and*

Caterpillar sandwich, cucumber choo-choo, and other edible whimsy for a children's party

It's all in how you view things. A multi-legged caterpillar of dinner rolls or a puffing train with edible cars might not whet the appetite of a no-nonsense adult. But to a young child, a little visual hoopla makes an ordinary sandwich much more interesting.

To add sparkle to a party lunch, we lined up small rolls in a squiggle, forming an olive-eyed caterpillar. Frankfurter buns with mushroom smokestacks become a train. And we dressed up muffins to look like cupcakes (see page 146).

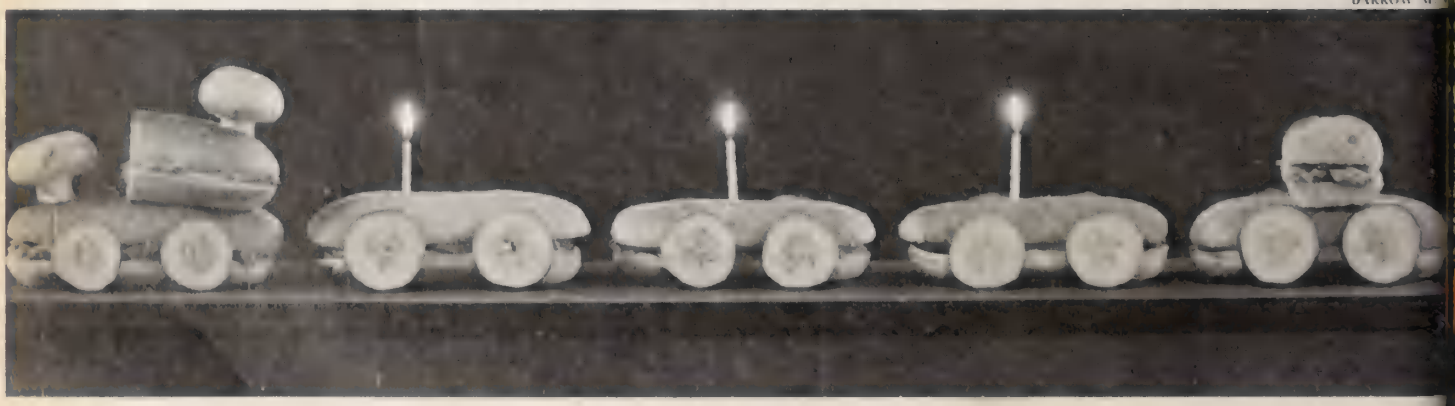
To fill these light-hearted sandwiches, choose one of our three mixtures: ham salad, tuna-carrot, or peanut butter and fruit. Each recipe is designed for a child's palate, and each will make 12 servings.

You can make the fillings a day ahead, but wait until an hour before servin assemble the sandwiches. Cover the erpillar and train with damp cloth keep them moist until serving; re erate the iced cupcake sandwiches.

For the caterpillar, split 12 small dinner rolls (about 3-inch size) in horizontally. Fill each with 1/12 of filling. Arrange filled rolls in an S-sh on a serving tray. Impale 26 seed

Chugging along on cucumber wheels, *train cars become tuna-filled frankfurter rolls when it's time to*

DARROW M



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DARROW M. WATT

Make a wish, *then blow out candle on a cream cheese-frosted "cupcake" that's really a muffin with peanut butter filling*

grapes or pitted black olives on wooden picks. Push 2 into either side of each roll for legs (or simply set them alongside); the remaining 2 go in front roll for eyes.

For antennae, use birthday candles; light just before serving.

For the train, split 6 frankfurter buns horizontally and fill each with ⅙ of the filling. Arrange 5 buns slightly apart on a long board or tray. Cut remaining bun in half crosswise; secure half with wooden picks atop the first car to make the cabin. Position 2 small mushrooms with wooden picks on top of cabin and in front of train to simulate smokestacks. Affix remaining half of bun to center of back car as caboose. For wheels, place 20 cucumber slices alongside cars as shown; secure with picks if desired.

Decorate with birthday candles, if you like, and light just before serving. Cut long buns in half to serve.

For the "cupcakes," horizontally split 1 dozen corn muffins or brown-and-serve dinner rolls (baked according to package directions). Fill each with 1/12 of the filling. Spread tops evenly with cream cheese icing (recipe follows) and place a birthday candle in each.

Cream cheese icing. Beat together until smooth 1 small package (3 oz.) softened cream cheese and 1 tablespoon milk.

Here are three possibilities for filling

Ham Salad

- 2 cups ground cooked ham
- ½ cup mayonnaise
- ⅓ cup sweet pickle relish
- 1 teaspoon *each* prepared mustard and Worcestershire

Blend ham, mayonnaise, relish, musta and Worcestershire. Cover and refrig ate as long as overnight. Makes 2 cup

Tuna-Carrot Salad

- 1 can (9¼ oz.) solid-pack tuna, drain
- ½ cup *each* mayonnaise and chopped sweet pickle
- ¾ cup coarsely shredded peeled car

Combine the tuna, mayonnaise, pic and carrot; stir gently to blend. Co and refrigerate as long as overni Makes 2 cups.

Peanut Butter and Fruit Spread

- 1 cup peanut butter
- 1 cup snipped pitted dates, chopped dried apricots, or raisins
- 3 or 4 tablespoons honey

Stir together the peanut butter and f until well blended. Drizzle honey c the peanut butter mixture and s through lightly (do not stir). Cover store at room temperature as long overnight. Makes 2 cups.

Here are just a few of the reasons you should remember the Wyler's® Bouillon:

- Wyler's comes in a variety of flavors for a variety of dishes, even cold dishes like the Taco Salad shown above.
- Wyler's uses only the highest-quality ingredients for great taste and flavor.
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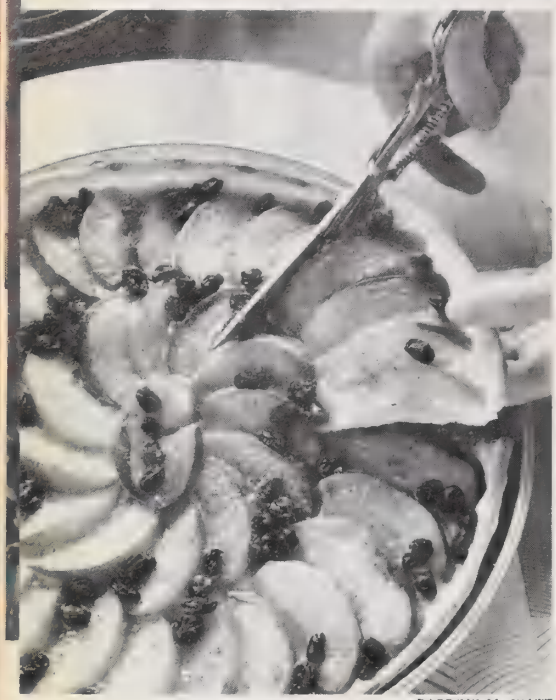
Fruit pizza . . . brunch or dessert



DARROW M. WATT

Use kitchen shears *to snip the warm fruit pizza into wide wedges*

Arrange circles of fresh fruit atop a pizza crust, drizzle lightly with honey and raisins, and you've created a special occasion brunch dish or not-too-sweet dessert.

You can use succulent late-summer nectarines, peaches, or pears for the topping. Simply cut the fruit into thick slices, set in a circular pattern on the yeast dough and bake in a hot oven until the crust is crisp.

Serve the fruit pizza as you would a fancy breakfast bread, accompanied with eggs and perhaps sausage links. Snip it while it's still warm.

Peach and Honey Pizza

- About 1¾ cups all-purpose flour
- 1 package active dry yeast
- ½ cup very warm water (120° to 125°)
- About 1½ pounds firm-ripe peaches, nectarines, or pears
- 2 tablespoons lemon juice
- ¼ cup honey
- ¼ teaspoon ground nutmeg
- ½ cup raisins

Combine 1¼ cups of the flour and the yeast in a mixing bowl. Make a well in the center of the mixture and pour water into the well; stir briskly to m a stiff dough. Turn dough out ont board coated with ¼ cup of the fl Knead dough until smooth and elas about 10 minutes, adding more flou needed to prevent sticking. Place do in a greased bowl, turning to grease Cover bowl with plastic wrap and rise in a warm place until doubled, ab 1¼ hours.

Meanwhile, peel and pit (or core) f (don't peel nectarines); cut into ½-i slices. To prevent browning, turn sl in lemon juice as you work.

Punch dough down, turn onto genero floured waxed paper, and roll to mal 13-inch circle; sprinkle top of do with more flour to prevent stick Center an ungreased 12-inch pizza p top side down, on dough. Using waxed paper as support, invert do into pan. Trim edges ¼ inch above

Arrange a single layer of slices in cir on dough (as shown in photogra Drizzle fruit with honey; sprinkle the nutmeg and raisins. Bake on lo rack of a 425° oven for 25 minute until crust is richly browned aro edges. Cool slightly on a wire rack t cut in wedges with kitchen she Makes 6 to 8 servings.

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Lasagna you don't boil before you bake.

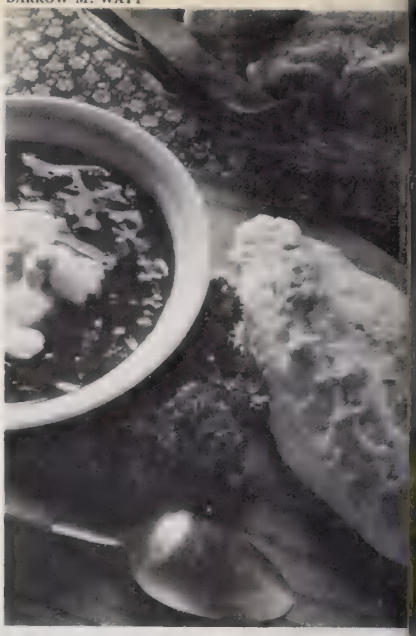
So easy! So delicious! Of course, you start with Golden Grain Lasagna and two cans of thick, rich Golden Grain Marinara sauce. The spinach or broccoli gives this delightful recipe a light and luscious difference.

Mama De Domenico's Easy Lasagna

1/2 lb. ground beef
2 cans (15 oz. each) GOLDEN GRAIN Marinara Sauce
1/2 cup water
salt and pepper
1 pkg. (10 oz.) frozen spinach or broccoli, thawed
1 cup (8 oz.) ricotta or cottage cheese
1/2 cup grated Parmesan cheese
2 eggs
1/2 tsp. nutmeg
1 pkg. (8 oz.) GOLDEN GRAIN Lasagna
12 oz. Mozzarella or Monterey Jack cheese, sliced

1. Brown meat; drain. Add Marinara, water, salt. Heat to boil.
2. Squeeze excess liquid from spinach. In blender or food processor, add spinach, ricotta, Parmesan, eggs, salt, pepper, nutmeg. Blend until smooth.
3. In 3 qt. baking dish, layer sauce, uncooked lasagna, sliced cheese, lasagna. Spread with spinach filling. Continue layers of sauce, cheese, lasagna, sauce.
4. Cover with foil; bake at 375° F, 1 hour. Serves 6 to 8

DARROW M. WATT



Beef-filled *piroshkis go well with borscht*

Short cuts with Russian piroshki

Russia's savory turnovers, *piroshkis,* meat-filled pastries that fit the bill like a sandwich or hamburger. Tra tionally, they are baked or fried their dough wrapper is pie crust, ye bread, or puff pastry. This vers streamlines preparation by using fro patty shells.

Quick Flaky Piroshkis

½ pound lean ground beef
1 medium-size onion, chopped
2 cloves garlic, minced or pressed
¼ pound mushrooms, chopped
2 tablespoons soy sauce
2 hard-cooked eggs, chopped
Pepper
1 package (10 oz.) frozen patty shel thawed
1 egg white, slightly beaten

Crumble and cook beef in 10- to 12-i frying pan over medium-high heat u well browned, about 5 minutes. A onion, garlic, and mushrooms and c for about 10 minutes more or until on is soft. Stir in soy, scraping to loo browned bits, and remove from heat. in eggs and pepper to taste; cool.

On a lightly floured board, roll each s out to a 7-inch circle and spoon ⅙ scant ½ cup) of the meat mixture o center. Moisten edges with egg w and, with seam on top, pinch firmly seal; flute edge. Set on an ungreased b ing sheet. (If made ahead, cover chill up to 8 hours.) Pierce tops in s eral places to let steam escape. Ba uncovered, in a 450° oven for about minutes or until golden. Serve wa Makes 6.—*J. H., Burlingame, Calif.*

's easy to turn two great tastes into one great picnic.

Here's a great idea for your family from Foster Farms: delicious, meaty whole chicken legs for the kids and the enticing, tender taste of Rock Cornish Game Hens for you. What a combination. And they're both so easy to prepare and to serve cold.

Whole Legs Teriyaki.
Melt together ¼ cup butter and 3 tablespoons Teriyaki sauce. Brush legs. Broil or bake. Cool and pack in covered plastic container or aluminum foil.

L'Orange Cornish.
Warm 2 tablespoons orange marmalade with ¼ cup melted butter for each game hen. Brush hens frequently while roasting or broiling. Cool in refrigerator.

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DARROW M. WATT

Roll *tortilla around the sandwich filli To pack in a lunchbox, wr in a damp pa towel, then in plastic wrap*

Tortilla roll-ups . . . sandwich filling

Flour tortillas replace the bread in these sandwiches, making room for a generous amount of filling. Using very fresh, pliable tortillas for best results, you roll up the sandwiches like jelly rolls. Serve freshly made or chill up to 4 hours.

Salami Cheese Tortilla Sandwiches

- 3 flour tortillas (about 8 inches across)
- Water
- Mayonnaise and mustard
- 1 package (6 ounces) thinly sliced salami
- 1 package (about 6 ounces) thinly sliced mozzarella, provolone, or jack cheese
- About ⅓ cup sliced olives
- About ½ cup alfalfa sprouts

Let tortillas warm to room temperature. Lightly moisten both sides of the tortillas with water. Spread one side of each generously with mayonnaise and mustard and arrange the salami, cheese, olives, and sprouts to within about ½ inch of edge. Roll up. Serve whole or in halves. Makes 3.

Curried Tuna Tortilla Sandwiches

Let 3 flour tortillas (8 inches across) warm to room temperature.

Stir together ⅓ cup mayonnaise, ¾ spoon curry powder, ¼ teaspoon g salt, ½ cup shredded carrot, ¼ thinly sliced green onion, ¼ cup ra and 1 can (7 oz.) tuna, drained.

Lightly moisten both sides of the tillas with water. Spread one side of tortilla with about ⅓ of the tuna fi to within about ½ inch of edges. Sc 2 tablespoons alfalfa sprouts over fi Serve whole or in halves. Makes 3.

Guacamole Tortilla Sandwiches

Let 3 flour tortillas (8 inches ac warm to room temperature. Meanw peel and pit 1 ripe avocado. Re pulp and mash. Mix with 1½ t spoons lemon juice, 2 to 3 tablesp *each* diced canned green chilies thinly sliced green onion, and ½ spoon garlic salt.

Lightly moisten both sides of the tor with water. Spread one side each about ⅓ of the avocado filling, to w ½ inch of edges. Sprinkle each wit cup shredded jack cheese and abo tablespoons *each* roasted sunflower and shredded lettuce. Roll up. S whole or in halves. Makes 3.

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DIRECTIONS: Just mix Best Foods Real Mayonnaise with the ingredients listed below. Cover, chill and you've got about 1½ cups of creamy-delicious dressing. Try it tonight!

Pleasin' Cheese 'n Herb

1 cup BEST FOODS® Real Mayonnaise
1/2 cup chopped parsley
1/4 cup grated Parmesan cheese
2 Tbsp lemon juice
1 clove garlic, minced
1 tsp dried basil leaves

Crème de la French

1 cup BEST FOODS® Real Mayonnaise
2 Tbsp lemon juice
4 tsp sugar
1 Tbsp milk
1 tsp paprika
1/2 tsp dry mustard
1/4 tsp salt
1/8 tsp pepper

Dilly Cucumber

1 1/2 cups peeled, seeded, chopped cucumber
1 cup BEST FOODS® Real Mayonnaise
2 Tbsp finely chopped onion
1 Tbsp milk
1 Tbsp lemon juice
1/2 tsp dill weed (optional)
1/4 tsp salt

True Blue Cheese

1 cup BEST FOODS® Real Mayonnaise
4 oz blue cheese, crumbled
3 Tbsp milk
2 Tbsp lemon juice
1 Tbsp finely chopped onion
2 tsp sugar
1/4 tsp Worcestershire sauce
1/4 tsp dry mustard
1/4 tsp salt

Dreamy Italian

1 cup BEST FOODS® Real Mayonnaise
3 Tbsp milk
2 Tbsp cider vinegar
1 clove garlic, minced
1/2 tsp dried oregano leaves
1/2 tsp sugar
1/4 tsp salt
1/8 tsp pepper

Blushin' Russian

1 cup BEST FOODS® Real Mayonnaise
1/3 cup catsup or chili sauce
1/3 cup chopped pickles
2 tsp lemon juice
2 tsp sugar

Best Foods makes it better!

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TERI SANDISON

Dried apricots and almonds *decorate couscous salad seasoned with a lively curry dressing. Serve with grilled kebabs and pocket bread*

ADVANCED COUSCOUS

Good-looking salads made ahead with "the fluffy, nut-flavored wheat product" from North Africa

The fluffy, nut-flavored wheat product called *couscous* is best known as the base of a staple North African meat and vegetable dish of the same name. The grain product is good hot or cold, and it soaks up flavors readily. Here we use couscous in a less traditional way: as the foundation for two attractive, make-ahead salads.

Couscous is made from semolina, one of the products of milling hard or durum wheat. Semolina is moistened with water and oil, shaped into small pellets, and dried. Couscous can be steamed, or prepared like instant rice by stirring it into hot liquid and letting it stand until the liquid is absorbed and the grain softens. It is available in 1-pound boxes in Middle Eastern markets and well-stocked supermarkets.

To make these salads, you add the dressing to the warm, softened couscous and let the mixture chill while flavors blend. The first salad has a yogurt dressing spiked with curry and chutney; the second takes its inspiration from the cracked wheat (bulgur) salad, *tabbuli,* flavored with lots of mint, green onion, and lemon. Both salads are excellent with grilled meats.

Curried Couscous Salad

- 2 cups water
- 2 beef or chicken bouillon cubes
- 1 cup couscous
- ⅓ cup slivered almonds
- Curry dressing (recipe follows)
- 2 small zucchini (about ¾ lb. *total*) thinly sliced.
- ½ cup *each* raisins and coarsely chopped dried apricots
- Romaine lettuce leaves
- Whole almonds and dried aprico halves

In a 2- to 3-quart pan, bring wate bouillon cubes to boiling, stirring t solve cubes. Add couscous and stir to moisten. Turn off heat, cover, a stand until liquid is absorbed and cous is tender, about 20 minutes.

Meanwhile, evenly toast almonds, ring, in a small pan over medium 5 to 7 minutes.

When couscous is tender, stir well w fork to fluff and separate grains. dressing, zucchini, raisins, chopped cots, and the toasted almonds; cove chill at least 2 hours or overnight.

To serve, line a salad bowl or p with lettuce leaves and mound sal center; garnish with whole almond dried apricot halves. Serves 8 to 1

Curry dressing. Combine 1¾ cup flavored yogurt, 2 tablespoons lemon juice and Major Grey ch (chopped), 2 teaspoons curry po and ¼ teaspoon *each* dry mustar ground ginger and cinnamon. Add enne pepper to taste.

Couscous Tabbuli Salad

- 2 cups water
- 2 beef or chicken bouillon cubes
- 1 cup couscous
- Mint dressing (recipe follows)
- 1 medium-size green pepper, seed and finely chopped
- 4 green onions (with tops), finely chopped
- ½ cup finely chopped parsley
- 2 large firm, ripe tomatoes, cut in wedges

In a 2- to 3-quart pan, bring wate bouillon cubes to boiling, stirring t solve cubes. Add couscous and stir to moisten. Turn off heat, cover, a stand until liquid is absorbed and cous is tender, about 20 minutes.

With a fork, stir couscous well to and separate; mix in dressing, green per, green onion, and parsley. Cove chill at least 2 hours or overnight.

To serve, stir salad with a fork to arate grains and spoon into a salad Surround with tomato wedges to ga Serves 8 to 10.

Mint dressing. Combine 6 tablesp salad oil, 2 teaspoons grated lemon 3 tablespoons *each* lemon juice and wine vinegar, 1 clove garlic (minc pressed), and ½ cup finely cho fresh mint.

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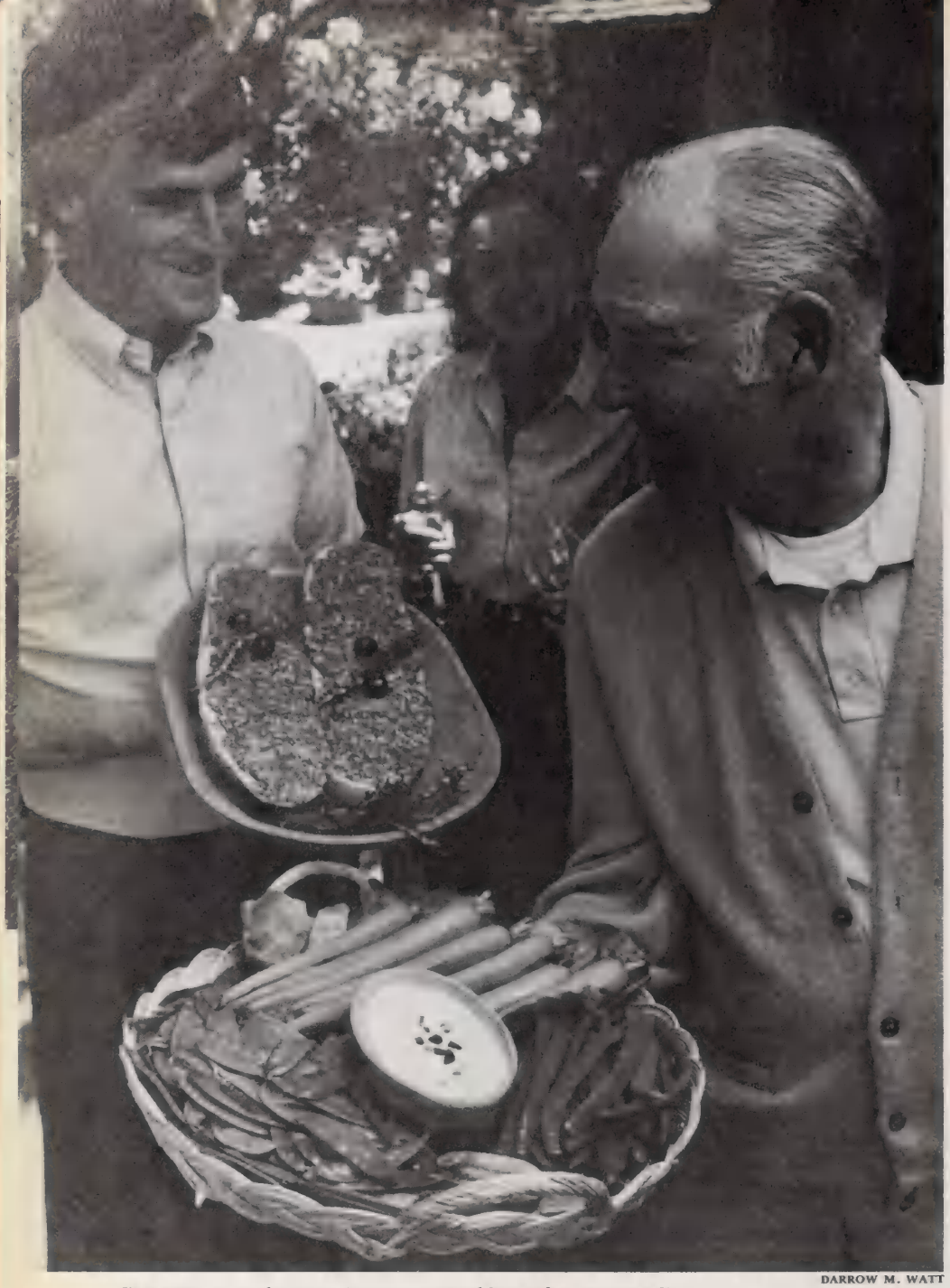

DARROW M. WATT

Fall supper *on the patio features vegetables with a pungent dip and a split French loaf laden with hot, melted, seed-speckled Cheddar cheese*

SEPTEMBER MENUS

Indoors or out, cheese loaf and vegetable tray supper. Lamb for company. Back-to-school breakfast

Portable and utensil-free, this mo first menu is a fine choice for c dining, indoors or out. It features a size hot cheese sandwich accomp by vegetables cooked lightly to brin their natural sweetness.

In the second menu, lemon butter plements lamb chops, summer sq and fresh tomato spheres for a s but attractive company dinner.

For busy school and workday morn the third menu suggests a home oatmeal biscuit mix that you kee hand, ready for the oven with j few stirs.

Patio or Poolside Suppe or Lunch

Lots of sesame and poppy seeds crunchiness to the topping for this ple, open-face cheese sandwich.

Seed and Cheese Supper Loaf
Tender-crisp Vegetable Tray
Green Onion Yogurt Dip
Bartlett Pears or
Thompson Seedless Grapes
Coconut Macaroons
Chilled Dry White Wine
Iced Coffee or Iced Tea

Although this menu goes together quickly, there are steps you can com ahead, such as assembling the c loaf and briefly cooking the veget You can also make the yogurt dip.

Seed and Cheese Supper Loaf

- ½ cup (about ¼ lb.) butter or margarine, at room temperatu
- 1 clove garlic, minced or pressed (optional)
- ½ cup sesame seed
- ¼ cup poppy seed
- 3 cups (about ¾ lb.) shredded Cheddar cheese
- 1 long loaf (1 lb.) French bread

Blend together butter, garlic, se seed, poppy seed, and Cheddar che

Cut bread in half lengthwise and s cut surfaces evenly with cheese mi (At this point you can cover and ch bread until the next day.)

On an ungreased baking sheet, bak covered, in a 400° oven for 10 minutes or until cheese is melted bread is heated. Cut into 2-inch s Makes 6 to 8 servings.—*D. E., Sea*

Tender-crisp Vegetable Tray

- Water
- 12 slender carrots (about 1¼ lbs. t
- 1 pound green beans, ends and str removed
- ½ pound Chinese pea pods or suga snap peas, stem ends and stri removed
- Green Onion Yogurt Dip (directio follow)

Bring 3 to 4 inches water to boil on heat in a 4- to 5-quart pan. Peel ca

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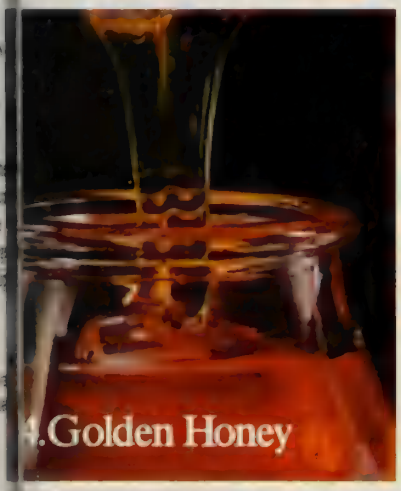
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DARROW M.

Dense, *flavorful spheres of fresh tomato pulp accompany lamb chops. To make rounds, spoon chopped pulp into cheesecloth; twist to form balls and remove excess liquid*

(for decorative effect, you can leave about 1 inch of the stem on). Cook carrots in water, uncovered, for 3 minutes; add beans and cook 2 minutes more. Add peas and cook 2 more minutes. Drain and immerse vegetables in ice water until cold; drain again. At this point, you can cover and chill the vegetables until the next day.

To serve, arrange carrots, beans, and peas on a tray with green onion dip. Makes 5 to 6 servings.

Green Onion Yogurt Dip. In a small bowl, blend together 1 cup unflavored yogurt; 2 teaspoons Dijon mustard; 4 green onions, including tops (chopped finely); and pepper to taste. Spoon into a small serving dish and cover and chill until ready to serve.

Company Lamb Dinner

Less than perfectly shaped tomatoes from September gardens—or less flavorful winter tomatoes—are the perfect candidates for meaty tomato rounds that go with lamb chops and summer squash.

Mixed Green Salad
Grilled or Broiled Lamb Chops
Lemon Butter
Fresh Tomatoes Jean
Zucchini and Crookneck Squash
Old-fashioned Baked Custard
Sweetened Strawberries

Steps you can complete early in the day include preparing the greens and dressing for the salad, blending ingredients for lemon butter, shaping the tomato mixture into balls, and baking a sim custard to serve cold with sliced, suga strawberries.

As the lamb chops grill on the barbe or brown under the broiler, mix the sa and cook the squash. At the very minute, gently heat the tomatoes.

Lemon Butter

Bring 1 cup (½ lb.) butter or marga to room temperature; then add 2 t spoons grated lemon peel, ⅓ c chopped parsley, 1 teaspoon dry ta gon, and 3 tablespoons lemon juice. well until all of the lemon juice is in porated. (If made ahead, cover and ch Spoon onto hot cooked lamb chops cooked squash. Makes about 1 cup servings.

Fresh Tomatoes Jean

- 4 large (about 2 lbs.) firm, ripe tomatoes (shapes can be irregular), peeled
- 1½ teaspoons chopped fresh marjora (or ½ teaspoon dried) *or* 2 tablespoons chopped fresh ba (or 1 teaspoon dried)
- 2 tablespoons butter or margarine

Cut tomatoes in half and squeeze to move seeds and juice (reserve for o uses). Chop pulp finely and mix w marjoram or basil.

Spoon 3 to 4 tablespoons of the tom mixture at a time onto several layer cheesecloth or a piece of muslin. B up ends of cloth and twist firmly to move excess liquid (as shown in ph graph), shaping into a compact ball. serve liquid for other uses.) Unwrap

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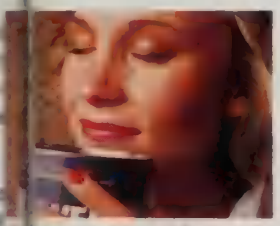

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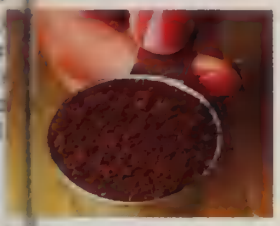

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and set on a flat surface. Repeat u
tomato is formed into balls. (If
ahead, cover lightly and refrige
long as 6 to 8 hours.)

Melt butter in a 10- to 12-inch
pan over medium heat. Add
balls; they are fragile, so handl
cately. Cook until warmed throug
2 minutes; turn gently several
Transfer to serving plates. Makes
12 spheres, or 6 servings.

Back-to-school Breakfa

You can make up the mix for thes
crunchy biscuits well in advance.
ure out a batch to blend and b
minutes; this recipe is good for
batches. To give the biscuits thei
apart construction, bake one spoo
batter on top of another.

Pull-apart Oatmeal Biscuits
Butter and Honey
Sliced Peaches and Unflavored Yo
Sliced Ham **Sliced Jack Ch**
Orange Juice **Coffee, Tea, o**

While the biscuits bake, you'll hav
to slice the ham, cheese, and pe
Two ways to serve: pull hot biscuit
and spread with butter and honey,
with peaches and yogurt.

Pull-apart Oatmeal Biscuits

- 2 cups Oatmeal Biscuit Mix (reci
  follows)
- ½ cup chopped pitted dates, drie
  apricots, or raisins (optional
- 1 egg
- ⅓ cup milk
- 2 tablespoons honey

Spoon oatmeal mixture into a larg
and add chopped fruit if desired
egg, milk, and honey and stir j
moisten ingredients evenly.

On a greased baking sheet, m
mounds, each using about 3 table
of the batter. Space 2 inches apart
a spoon, pat dough down slightly.
remaining dough in 6 equal portio
spoon a portion on top of each
dough mound. Bake in a 375° ov
12 to 15 minutes or until tops are
browned and bottoms are golden.
hot. Makes 6 large biscuits.—
Stateline, Nev.

Oatmeal biscuit mix. In a large
combine 3 cups all-purpose flour (
cups *each* all-purpose and whole-
flours), 6 tablespoons toasted
germ, 3 tablespoons baking powde
1 teaspoon salt. With a pastry bl
evenly cut in ¾ cup solid veg
shortening to form fine crumbs.
3¼ cups quick-cooking rolled oat

Store in an airtight container in a
dry place as long as 2 weeks; free
longer storage. Makes 6 cups of
enough for 3 batches.

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TERI S

With coffee and liqueurs, *these choco nuggets make an elegant dessert, literally melt in your mouth*

Rich and crean
. . . chocolate truf

In France, you might be offered these tiny sweets with a cup of coffee at the end of a meal. Serve the same way here. Or consider them as a special hostess gift. The only minutes to make and keep refrigerator up to two weeks.

Chocolate Truffles

- 4 ounces semisweet chocolate, coarsely chopped
- 2 tablespoons whipping cream
- About 2 tablespoons ground sw chocolate or cocoa

Place semisweet chocolate and cre a small pan over lowest possible h heat is too high, the chocolate sepa Stir constantly until chocolate is r and well blended with cream. Pou a small bowl; cover and chill jus chocolate-cream is firm enough t its shape, about 40 minutes.

Meanwhile, spread ground chocol a small plate or on a piece of wrap or waxed paper. Using your or two spoons, quickly shape ab teaspoon of the chocolate-cream time into a ball, then roll in the g chocolate until completely coate range truffles in a single layer in a low container. Cover and refriger to 2 weeks. Let stand at room ter ture for 5 to 10 minutes before se Makes about 12 truffles.

S

SALAD TIPS 'N BITS

No. 2 CHOP or TEAR

Should you or shouldn't you?
people are told, "tear, don't chop, the lettuce," it ever knowing why. (Those who are left to make wn decision usually choose to chop. It's easier.)

You should. And you shouldn't.
is, however, a reason for tearing. And r not tearing. Always tear your lettuce preparing salad in advance. ay the edges won't darken ckly. But when you're plan- serve the salad right away, ad and chop, chop, chop. It's , easy way to a crisp salad.

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er you chop or tear, we don't care. sure to pour on the Bac•Os. That you ever chop when you should have our salad will be so packed with great bacony and crunch, no one will notice.

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DOUG WILSON

Thick center chunk *of salmon is boned and cut into wide strips*

Smoke-barbecuing salmon . . . moist and juicy. But there's an art to it

Salmon *picks up a pronounced smoky flavor when barbecued over hickory. Slow cooking keeps the fish moist and juicy; the same method can be used to cook other kinds of fish*

A summer specialty in the Northwest is fresh salmon—slowly grilled over charcoal and hickory so it acquires a delicious smoky flavor while remaining moist and juicy.

This smoke-barbecuing method also works well with lingcod or sea bass, but it's important to select a thick center cut of fish or use fish steaks cut a certain size. After boning, the fillets should be 1 to 1½ inches thick in the thickest part. You'll also need a covered barbecue and hickory chips—look for them alongside bags of charcoal briquets.

The only trick to smoke-barbecuing is letting the charcoal burn down so the fish will cook slowly while absorbing as much smoke as possible.

To accompany the fish, you might serve butter-steamed diced zucchini, sliced tomatoes and fresh basil leaves with a vinaigrette dressing, and your favorite rice pilaf.

Smoke-barbecued Salmon

3½- to 4-pound piece of salmon, lingcod, or sea bass, cut into 1- to 1½-inch thick fillets or steaks
1 tablespoon chopped parsley
½ teaspoon *each* dill weed and sugar
¼ teaspoon salt
1 clove garlic, minced or pressed
½ teaspoon grated lemon peel
2 cups hickory chips
Water
Salad oil

Have your fishmonger bone and fillet the fish, or do it yourself. To bone, cut along backbone on each side, removing spine to form two thick fillets; do not skin. Cut fillets into 2-inch wide strips (see above); leave steaks whole.

Mix together the parsley, dill, sugar, salt, garlic, and lemon peel; rub evenly over the fish. Cover and let stand at room temperature while you prepare the fire.

Ignite 35 to 40 briquets and let them burn down until completely covered with a grey ash. The coals should low-glowing (you should be able to your hand near the grill and keep it t for 6 or 7 seconds before the heat fo you to remove it).

When you ignite the charcoal, also merse hickory chips in water for ab 30 minutes, then drain well. Brush y barbecue grill lightly with salad oil.

Spread the coals out slightly and sca the drained hickory chips directly top. Set the greased grill in place 4 t inches above coals and immediately the fish pieces, slightly apart, on the g Cover the barbecue and adjust the and bottom dampers so they are o just a crack.

Let fish cook slowly for about 20 m utes before testing for doneness; w done, the fish should flake easily w prodded with a fork in the thickest p Lift with a wide spatula and transfer a warm serving platter. Serves 6 to 8.

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3. **SWISS** Relish the sweet, nuttyness of swiss in fondues, on sandwiches, with fruit.
4. **MONTEREY JACK** Pale yellow, semi-soft cheese; smooth, delicate and savory.
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6. **GOUDA** Semi-soft, sweet table or dessert cheese that wears a happy red-wax coat.
7. **HAVARTI** Distinct creamy, buttery taste; adds dash to light white wines or beer.
8. **MOZZARELLA** It melts! This white, light cheese is tops on lasagne and pizza.
9. **MUENSTER** Shaded mild to mellow, semi-soft muenster is a great all-occasion cheese.
10. **PARMESAN** Tangy, grated cheese that adds zip to soups, salads, and sauces.

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DARROW M. WATT

It's tofu, breaded and fried

A crunchy-fried coating and a touch of flavorful sauce makes low-calorie tofu into a light but nutritious entrée.

You can buy a special coating called *panko* (pahn-ko) in Japanese grocery stores, or make your own as follows:

To prepare coarse crumbs, trim crusts from 10 slices firm white or whole wheat bread; cut in cubes. Whirl a few at a time in a blender or food processor just until evenly coarse crumbs are formed. Spread crumbs in a shallow rimmed baking pan; bake in a 325° oven, stirring often, until completely dry but not brown, about 15 to 20 minutes.

Fried fish? *No, it's low-cal tofu, fried crispy, served with choice of sauces*

Japanese-style Tofu Steaks

- 2 blocks (about 21 oz. *each*) tofu, drained
- Dipping sauces: choose from teriyaki, cocktail, caper (directions follow)
- 1 teaspoon garlic salt
- Pepper
- ⅔ cup all-purpose flour
- 2 eggs, lightly beaten
- About 4 cups coarse, dry bread crumbs (*panko* or prepared as directed above)
- Salad oil

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(Those tangy green chiles do more than just look good.)

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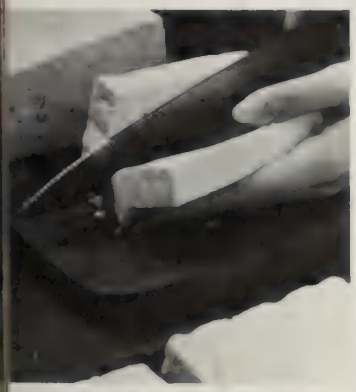
each block tofu lengthwise into ers. Set slices on a terrycloth towel ain for about 15 minutes while you are your choice of sauces. Sprinkle slice of tofu with ⅛ teaspoon of arlic salt and pepper. Cut each slice lf crosswise and roll in flour, shakoff excess. Coat floured slice with hen with the crumbs.

while, heat salad oil (1½ inches in a 2-qt. pan) to 350° on a deep-g thermometer. Fry tofu, 2 or 3 at a time, until golden, turning about 4 minutes in all. Skim bs from fat as needed. Drain tofu aper towels. Serve with 1 or more s. Serves 8 with 2 slices each.

aki sauce. In a small pan, combine up sweet Japanese cooking wine l *mirin* (or ⅓ cup cream sherry and aspoon sugar) with 2½ tablespoons auce. Set pan on medium heat and the sauce to a boil. Cool before g.

tail sauce. Mix 1 cup chili sauce 2 teaspoons *each* prepared horse-n and lemon juice, ½ teaspoon estershire, and ¼ teaspoon salt.

r sauce. Mix together ¾ cup sour n, 4 teaspoons *each* capers (drained mashed) and finely chopped green , 2 teaspoons finely chopped pars-½ teaspoons lemon juice, ¾ tea-n salt, and liquid hot pepper season-taste. □



t tofu block *into slices. Set slices toweling to absorb excess moisture*

ll tofu slices *in flour, then egg, n extra-coarse bread crumbs*

Kellogg's Rice Krispies and Apricots?

A surprisingly delicious combination in these two recipe ideas.

Crunchy Apricot Coffee Cake

2 cups **KELLOGG'S® RICE KRISPIES®** cereal, crushed to measure 1 cup
3 tablespoons sugar
⅛ teaspoon ground ginger
¼ cup margarine or butter, softened
* * *
1½ cups all-purpose flour
2 teaspoons baking powder
½ teaspoon salt
¼ cup margarine or butter, softened
¾ cup sugar
1 egg
1 can (17 oz.) **CALIFORNIA APRICOT** halves, drained, reserving ½ cup syrup

1. Combine first 4 ingredients, mixing until crumbly. Set aside for topping. Stir together flour, baking powder and salt. Set aside.

2. In small mixing bowl, beat remaining margarine and sugar until well blended. Add egg. Beat well. Stir in the ½ cup apricot syrup. Add flour mixture, mixing well. Spread in greased 8 x 8 x 2-inch baking pan. Chop apricots and spoon about ¾ cup evenly over batter. Sprinkle with cereal topping and remaining apricots.

3. Bake in oven at 350° F. about 45 minutes or until cake begins to pull away from sides of pan. Serve warm.

YIELD: 9 servings

Apricot Crisp

1 can (30 oz.) **CALIFORNIA APRICOT** halves, drained, reserving 2 tablespoons syrup
1¾ cups **KELLOGG'S® RICE KRISPIES®** cereal, crushed to measure 1 cup
⅓ cup all-purpose flour
¼ teaspoon salt
½ cup firmly packed brown sugar
½ teaspoon ground cinnamon
¼ teaspoon ground nutmeg
⅓ cup margarine or butter, softened

1. Cut each apricot half into 2 pieces. Combine with the 2 tablespoons apricot syrup in 1-quart casserole. Combine remaining ingredients, mixing until crumbly. Sprinkle over apricots.

2. Bake in oven at 350° F. about 30 minutes or until topping is browned. Serve warm. Top with ice cream, if desired.

YIELD: 6 servings.

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DARROW M

Spareribs roast *upright on rack. Filled with pilaf and mushroom stuffing, roast carves easily*

Crown roast? No, less expensive ribs

A crown roast of pork can easily become a costly enterprise. Instead, try using a less expensive side of pork spareribs. Wrapped into a crown shape around a mushroom and pilaf stuffing, this spare-rib version makes an attractive entrée for a company dinner.

You'll need to buy a fairly large side of spareribs so it will form a crown with a generous opening. This roast will serve 4, allowing about 1 pound of ribs per serving. For additional guests, consider preparing 2 sparerib crown roasts.

Sparerib Crown Roast with Pilaf Stuffing

- 1 large side (about 4½ lbs.) pork spareribs
- 1 large onion, chopped
- ¼ pound mushrooms, sliced
- ¼ cup (4 tablespoons) butter or margarine
- ½ teaspoon *each* thyme and rosemary leaves
- 4½ cups cooked brown rice
- ⅓ cup chopped parsley
- ½ cup dry white wine or regular-strength chicken broth
- Salt and pepper

Have your meatman evenly trim off the bottom of the ribs just enough so ribs will stand upright on end. Also have him crack the ribs so they can be shaped into a circle; they will also be easier to carve.

To prepare meat for roasting, form the ribs into a circle, overlapping ends just enough to secure them with a small metal skewer. Set roast upright on a in a roasting pan. Tie two lengths of around the top and bottom of roa shown. Then loosely crumple a pie foil into a ball and stuff it down t bottom of the roast to help it kee shape. Roast, uncovered, in a 400° for 45 minutes.

While roast cooks, cook the onion mushrooms in 2 tablespoons of the ter until limp. Stir in the thyme and mary. Remove from heat and stir i cooked rice and parsley. Heat th maining 2 tablespoons butter wit wine; mix about half into rice mix Season to taste with salt and peppe

Remove roast from oven and re temperature to 350°. Transfer roa a 9-inch-square baking pan. Remov ball. Spoon rice mixture into cent roast, packing it lightly. Pour rema butter-wine mixture over the pilaf the sides of roast.

Cover the roast loosely with foil cook about 45 minutes longer or u meaty portion of the roast is tender it is pierced with a fork.

With a wide spatula beneath cent roast, carefully transfer roast to a ing board. Remove cords and skewe serve, spoon out some of the stuffing plates, then cut between ribs, div roast into 2- or 3-rib portions. Serves

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PTEMBER IN YOUR GARDEN:

Dig in. Fall planting time is coming. And keep your hoe and hose handy

ost Western gardeners, this will be dinary September. But for 84,234 *t* subscribers, their families and neighbors, this September will be unusual: no fruit to harvest. Al- all the home fruit that existed was yed by government order between 7 and July 13 in most of northern rnia's Santa Clara County and in ern San Mateo and Alameda ies.

her or not your garden was ed of its 1981 fruit crop, this is a cant gardening month for all the levation West. The big late-summer will be watering and weeding. In cond half of the month you can fall planting: cool-season vegeta- fall and spring bulbs, winter and annuals, perennials, and even s and trees.

by the Saturday plant sales at ing Arboretum in San Francisco

ponse to the overwhelming turnout ir big annual plant sale, the Stry- Arboretum Society has recently scheduled a series of small monthly and bimonthly sales. They offer a good opportunity to pick out reasonably priced items and sometimes hard-to-find plants.

Sales are scheduled for September 12 and 26 from 10 A.M. to 2 P.M. in the courtyard of the Helen Crocker Russell Library. The library is left of the kiosk at the arboretum gates near the corner of Ninth Avenue and Lincoln Way in Golden Gate Park.

Plant sales will also be held on October 10 and 24, and on November 14. Holiday greens will be sold on December 12.

PVC pipe makes an inexpensive trellis for fall-planted vines

More gardeners are turning to plastic pipe as an affordable substitute for wooden lath in trellises. PVC pipe costs less than wood lath, it's easy to work with, it won't rot, and it doesn't need painting. If you'll need a trellis for fall-planted vines—sweet peas, green peas, or sugar snaps—take a look at the example pictured below in the San Jose garden of Mr. and Mrs. Earle Faupell.

Sunset's
GARDEN GUIDE

Special information for high elevations, page 180

Mr. Faupell built the trellis from 10-foot lengths of lightweight (schedule 125) PVC pipe, which he found on sale for 10 cents apiece at a building supply center. He glued the pipes together with PVC cement, wired the joints until they dried, then nailed the trellis through predrilled holes to 2-by-2 redwood uprights. After more than three years, the glued crosspieces are still holding strong.

The Faupells first planted sweet peas on the trellis, but now it holds climbing roses and a few raspberry vines.

Sunburned leaves: what you can do

Last June, a record-breaking heat spell left many coastal gardens with the in-

of thorns
nstop bloomer

heat pushes crown of thorns into bloom. The fiery orange-red shown ical flower color, but few ow as large as this 35-year-old n. Cactus and succulent specialists o carry forms with pink, gold, flower clusters, usually in 4-inch -size containers.

coast you can keep these plants n; in summer, they'll need water s every two weeks. (Coast-grown nd to be leafier than the one Inland in the Central Valley, even ghies need more attention. shade from midday glare; water l dries.

y a plant that has been growing or under lath, acclimate it to light gradually over many weeks. eather turns chilly, move plants to a bright, warm spot, and water en soil dries. Indoors or out, put here they won't snag passersby— rns are sharp.

NORMAN A. PLATE

Climbing roses *weave through white latticework of ½-inch PVC pipe. Crosspieces were simply glued together, then nailed to supporting posts. The 6-foot-high, 20-foot-wide trellis screens work shed behind it*

Sunset's GARDEN GUIDE

BILL ROSS

Aerial onions? *Bulblets grow double-decker atop stalks of Egyptian or multiplier onions*

delible signs of leaf scorch. After nine days (the longest of the year) of high temperatures without the usual morning and evening fog, many gardeners reported crisp, browned leaves on a variety of plants—privet to fuchsias to agapanthus, fruit trees, Japanese maples, and grass.

Days are shorter now and tender spring growth has hardened, but September's clear, hot days can still stress fog belt plants. The best thing you can do is to see that they are well watered. With few exceptions, plants don't sunburn unless they're on the dry side. Sprinkling, misting, mulching, and shading are all good ways to keep plants cool and moist.

What about plants that are already affected? If leaves turned a bleached white or brown, the tissue is dead and you can't do anything but trim them off. Leaves that pass the wilting point but remain green may keep their color if you water right away.

Onions that multiply themselves

Egyptian onions (also called multiplier or walking onions) are hard to come by, but once you have them you don't need another supply—they grow year after year and produce enough offsets to eat and replant for more onions.

These onions are unusual not only because they're perennial, but for their habit of setting new bulblets at the tops of stalks, as pictured at left. The mother bulbs also produce offshoots that you can harvest in spring (and often in fall, too) as green onions.

Now is the best time to plant. You can order them from Nichols Garden Nursery, 1190 N. Pacific Highway, Albany, Ore. 97321 (25 starter bulbs cost $4.40; fall shipment only); and from Oak Gulch Mercantile, Box 666, Dunlap, Calif. 93621 (25 for $4.75; free multiplier

Like honey, *gel squeeze plastic bottle into planti*

onion brochure available on re Supplies may be limited, so order

Fluid seeding

For years, English home gardene some California farmers) have fresh or just-sprouted flower or ble seeds in a gel squeezed out of tainer. This process distributes th fairly evenly and provides a way ing pregerminated seeds without ing their sprouts. It's also a con way to direct-sow tiny, hard-t seeds such as those of lettuce and c All you need is unflavored gelatin plastic honey or mustard squeeze Mix the gelatin with twice the mended amount of water and allo thicken for a few hours. Then seeds. Start with 200 seeds per h of gel, then add more gel or seed you have the seed distribution yo To pregerminate seeds, pour the a damp paper towel, cover with a damp paper towel, and put in a bag on a windowsill until sprouts pear. Then mix sprouted seeds i gel and sow.

SEPTEMBER GARDEN GUIDE: *The last summer chores, first fall opportunit*

☐ **Compost.** As you pull up summer annuals and vegetables, add them to grass clippings and layers of soil to build a winter compost pile. Chopping up bulky items helps them decompose faster. Dish the top of the pile to catch water easier; keep it moist.

☐ **Fertilize.** Feed newly planted flowers and vegetables a week or two after planting, then once or twice a month. Continue to feed begonias, fuchsias, and other late-summer bloomers lightly every two weeks. Fertilize roses for a big October show. Give citrus their final feeding for the season. After the middle of the month, apply high-nitrogen fertilizer to bent and bluegrass lawns.

☐ **Get ready for fall planting.** Best time for planting new lawns, trees, shrubs, and ground covers begins with cooler weather, toward the end of the month. In the next few weeks, prepare planting areas by clearing the ground, killing weeds, adding amendments, tilling the soil, and installing needed header boards, mowing strips, and irrigation (drip or sprinkler) i

☐ **Groom and prune.** P bloom on tuberous be dahlias, and fuchsias by pinch faded flowers. Stake these as tall-growing chrysanthemum fore they get too top-heav back leggy geraniums, marg and ground covers such as iv charis, lantana, and santolina.

☐ **Plant bulbs.** Buy then while nurseries are stocked. Plant fall-blooming and South African bulbs (

DON NORMARK
pacing *of seeds minimizes need t produces occasional gaps*

ving, cover seeds with soil, tamp d keep the soil moist until seed- up.

ape myrtles while ill in bloom

the colorful crape myrtle is one vileges of gardening in Califor- summer climates. (Serious mil- lems eliminate the crape myrtle ice for most fog-belt gardens.) th the long flowering season down and the fall-planting sea- ahead, is an ideal time to shop olors you prefer.

k at street plantings and full- shrubs and trees in home gar- et an idea of your color choices, s an illustration of the lovely ark on mature crape myrtles.

ne you get to the nursery, you'll prepared to decide among all s available: shades of red, rose, ender, orchid, purple, pepper- and white, or solid white. For s or screens, choose multiple- bush forms. For small to me- trees, start with a plant trained to a single trunk. If you want plants that will stay about 6 feet tall, look for the 'Petite' types.

There's some good news for Medfly country

Here's pleasant news for those disappointed gardeners in the San Francisco Bay Area who were forced to destroy fruits and vegetables this summer to foil Mediterranean fruit fly.

Next year you will likely have bumper fruit crops, especially on citrus trees that were stripped last December or January and again this summer.

Citrus usually are "alternate bearing"—they have a light crop one year, a heavy one the next. The two stripping operations have forced trees to have "light" crops this season, and they should make up for it next year.

Apples, pears, and certain other fruits also are alternate bearers. They should compensate for the July Medfly stripping by bearing more heavily next year.

Drip irrigators: here are ways to keep "spaghetti" in place

Stakes or holders of some kind are helpful additions to any drip watering system, but not all suppliers offer them. Here are two simple, inexpensive ways to rig your own microtubing anchors.

Plastic or wooden clothespins work well. Dean Bunnell of San Jose finds that ⅛-inch or ¼-inch tubing fits neatly through the round hole in the head; the legs of the pins push easily into the ground.

Homemade wire stakes are a slightly less conspicuous alternative. You can cut them to the desired length out of heavy-gauge wire or wire coat hangers (use wire cutters), then twist a spiral at one end with a pair of pliers. Loop ⅛-inch tubing into a loose knot (don't kink it) and slip it onto the wire eye. □

DARROW M. WATT
Clothespin *anchors drip tubing near base of strawberry plant (above). Wire stake (below) holds tubing in a container*

BILL ROSS

kia, sparaxis, tritonia, wat- s month. Refrigerate tulips inths for a month or two ger stems and flowers); do ing-bulb planting in Octo- November.

nt flowers. Favorite winter uals include calendula, poppy, pansy, primrose, on, sweet alyssum, and ook for perennials—cam- olumbine, delphinium, fox- nstemon—in flats.

nt vegetables. It's time for cool-season crops: beets, Brussels sprouts, cabbage, cauliflower, celery, chard, cabbage, garlic, kohlrabi, leeks, lettuce, onions, parsnips, peas, radishes, spinach, and turnips. For suggestions on growing a range of salad greens, turn to page 66.

☐ **Protect new plants from heat.** Hot sun can easily wilt newly planted trees, shrubs, vegetables, and flowers. Plant in late afternoon or evening when it's cooler; mulch and water deeply; shade young seedlings until they're settled in.

☐ **Root cuttings.** Take tip cuttings of easy-to-root plants (fuchsias, geraniums, hydrangeas, ivy, and marguerites) and root them in a mix of equal parts of peat moss and perlite. By late October, they should be ready to transplant into pots or gallon cans.

☐ **Sow spring flowers.** These are just a few of the kinds you can sow directly in the ground: bachelor's button, calendula, California poppy, annual candytuft, clarkia, dimorphotheca, forget-me-not, linaria, lobelia, sweet alyssum, and sweet peas. Sprinkle regularly until winter rains take over.

☐ **Tend roses.** Clip faded flowers. Water plants well. If necessary, treat cases of mildew with a fungicide (such as benlate).

☐ **Weed.** Keep weeds from scattering seed by getting them early with a scuffle or regular hoe. Compost or discard them.

DARROW M. WATT

Light pink, *crinkly flowers of 'Doris Hibberson' rockrose are 3 inches across and appear in summer*

MO

Naturalized *among the pines, orchid rockrose growing in Pebble Be California, displays colorful purple blooms*

Dry, rocky soil . . . rockrose defies hardships and blooms beautifully

TERI SANDI

Crimson-spot rockrose *in John A. Hall's West Covina garden shows off white blossoms with red spots*

Living up to its name, rockrose (*Cistus*) meets the challenge of dry, rocky soil by producing abundant blooms reminiscent of old roses. This sturdy evergreen shrub grows 2 to 5 feet high and has attractive leaves that are dark green on top, silvery green below.

The blooms come in shades of pink, purple, white, and white with yellow or crimson spots.

You can plant this Mediterranean native now and through the fall. It is an excellent choice for a sunny slope that would defeat most other plants. Make sure, however, that the soil drains quickly, since overwatering can cause plants to become weak and leggy.

Also, choose the site carefully, since this shrub does not take well to transplanting. To keep plants looking their best, prune lightly in spring. This plant is also known for its fire-retardant abilities. When subjected to fire, the leaves tend to smolder rather than burst into flame (for more on fire-retardant plants, see page 58 of the January 1981 *Sunset*).

White-flowered species include white rockrose (*C. hybridus*) with pure white blooms and crimson-spot rockro *ladanifer* or *C. ladaniferus mac* which has red spots (see lower graph). On warm days the foli both develops an incense-like fra Sageleaf rockrose (*C. salviifolius villosus* 'Prostratus') sports yellow on white flowers.

Pink- and purple-flowered rockros *C.* 'Doris Hibberson' with pale blooms, orchid rockrose (*C. purp* with bright red-purple blossoms are shown above), and *C. incanus villosus* with purplish pink flowers.

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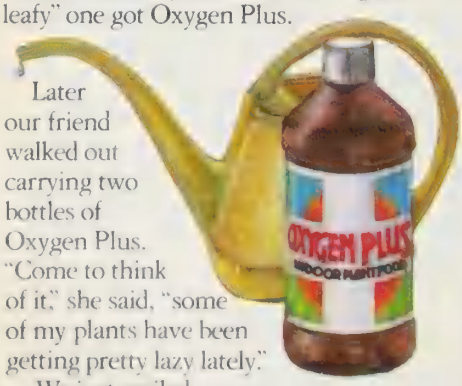
"And why not?" she asked, "they live in rooms filled with it."

"Granted," we said, "but it's the roots that need it. Poor soil and over watering deprive plant roots of oxygen necessary for growth. On the other hand, plants watered with Oxygen Plus receive oxygen directly. So they will be bigger and leafier than plants watered with regular plant food."

"Interesting," she said, no where near convinced yet.

So we showed her two philodendron. One was a nice plant. The other was, as she put it, "amazingly big and leafy." We explained that eight weeks ago they were identical. The only difference was one got regular plant food, the "big and leafy" one got Oxygen Plus.



Later our friend walked out carrying two bottles of Oxygen Plus. "Come to think of it," she said, "some of my plants have been getting pretty lazy lately."

We just smiled.

Plant Research Laboratories
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KATHY BALLAR

It's a pump *in looks only. The water stream washes crops before they go indoors*

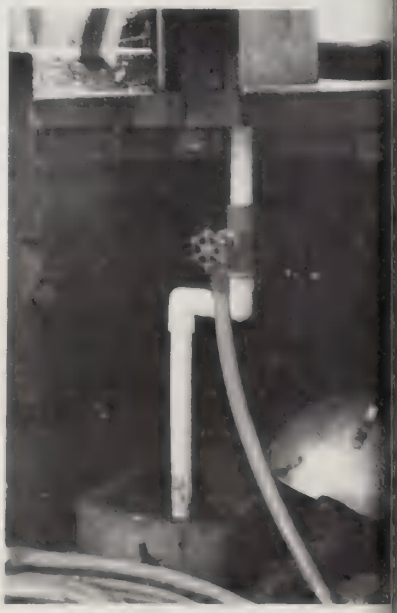
Wash-up for vegetables and gardene

Last stop between vegetable plot and kitchen, the washing table pictured here gives Gordon and Nedra Hall of Anacortes, Washington, a place to clean up hands, garden tools, and soil-caked vegetables before they go indoors.

Nine short sections of 7- by 9-inch railroad ties form the base, which is solid on three sides and open at the back. Ties rest on a concrete foundation and are toenailed together with 5-inch (40d) galvanized spikes.

A recessed deck of 2 by 8's rests on a lip of 2 by 2's nailed to the inside of the ties. Since there is no drain, water flows off the back of the planks and into a rock sump at ground level below.

The mock pump housing on top of the platform conceals the plumbing; a ball valve turns water on when the handle is lifted. Pipe is all 1-inch PVC. A valve near ground level (not shown in the photographs) lets the Halls drain the plumbing during freezing weather. □



Hose bibb *connects to wash table's plumbing. Pipe is drained before it free*

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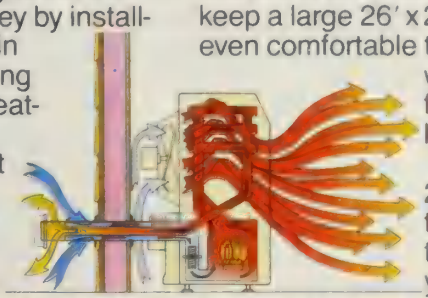

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Begonias, fuchsias, orchids . . . September shows, sales, classes

IERN CALIFORNIA

ragg. September 4, 5, and 6. n annual fuchsia show by the ino Coast branch of the Ameri- chsia Society. Place: Pentecost 6 Stewart St. Hours: noon to 7 10 to 7 Saturday; 10 to 6 Sun- e.

. Lecture series for home gar- lanned by the East Bay Regional strict for three Wednesdays and aturdays. *September 9 and 12:* ia plant communities. *September 19:* California annuals. *Septem- and 26:* landscaping with Cali- natives. Place: Regional Parks Garden Visitors' Center, Tilden l Park. Hours: 10:30 to noon. on is free.

g. September 9 and alternate days thereafter. Nine-session on organic gardening. Place: 20, Los Medanos College, 2700 d Rd. Hours: 6:45 to 9:45 P.M. ors will be Kate Olsen, Mark , and Jean Noble. Register at t class. For information, call 8-2441.

. September 12 and 19. Fall ps at Saso Herb Gardens, 14625 e Ave. For details and required ions, call (408) 867-0307.

. September 13. Last day of g Capitola Begonia Festival. l parade of flowered floats on Creek at 2 P.M. Free.

t. September 14. First session of courses in horticulture and land- Place: Ohlone College, 43600 Blvd. For further information, the Admissions Office, Ohlone Box 3909, Fremont 94539, or e (415) 657-2100, extension 280.

elmo. September 14 through Oc- An exhibit of the talents of 17 e designers at the 12th annual Designers' Showcase. Place: Estate, 106 Deer Hollow Rd., Hollow. Hours: 10 to 3 week- to 4 weekends. Admission: $6, g tour. For details, call (415) 3.

ateo. September 19 and 20. th annual bonsai exhibit by the teo Bonsai Club of San Mateo ers' Association. Place: Central ecreation Center, 50 E. Fifth El Camino Real. Hours: noon to lay; 10 to 6 Sunday. Free.

San Francisco. September 22 and 29. Two lectures in the botanical travelog series sponsored by the Strybing Arboretum Society. For subjects of the lectures, call the society office at (415) 661-1316. Place: Hall of Flowers, Golden Gate Park, Ninth Ave. and Lincoln Way. Hours: registration and book and plant sale, 9:30 A.M.; lecture, 10 to noon. Fee: members, $2; nonmembers, $3; seniors and students, $1.

Palo Alto. September 26 and 27. Tenth annual sale by the Peninsula Orchid Society. Place: Palo Alto Square courtyard, El Camino Real and Page Mill Rd. Hours: 10 to 4 both days. Admission is free. A mini-show will give an idea of the orchids in bloom. The Bromeliad Study Group of Northern California will have a sales table.

Aptos. September 27. Annual sale of native plants sponsored by the Santa Cruz chapter of the California Native Plant Society. Place: The Barn, Deer Park Shopping Center, Rio del Mar turn-off from State Highway 1. Hours: 1 to 4 P.M. Admission is free.

COLORADO

Colorado Springs. September 12. Annual fall plant sale by the Horticultural Art Society. Place: Mall-of-the-Bluffs, Academy Blvd. and Templeton Gap Rd. Hours: 9 to 5. Admission is free.

Denver. September 12 and 13. Show presented by the Denver Dahlia Society. Place: Denver Botanic Gardens, 1005 York St. Hours: 1 to 4:45 P.M. Saturday; 10 to 4:45 Sunday. Donation: $1.

Colorado Springs. September 24. Awarding of prizes and showing of the winning photographs in the photography contest of the Horticultural Art Society. Place: Capital Federal Savings and Loan, 1910 N. Academy Blvd. Time: 7:30 P.M. Admission is free.

UTAH

Salt Lake City. September 16. Tree walk and lecture with W. Richard Hildreth, director of the State Arboretum of Utah. Subject: special uses of trees and shrubs. Meet in front of the Arboretum Center, University of Utah, at 7 P.M. Free.

Salt Lake City. September 26 and 27. Show presented by the Bonsai Society of Utah. Place: Utah Garden Clubs Activity Center, Sugar House Park, 1602 East 2100 South. Hours: 10 to 8 Saturday; noon to 6 Sunday. Free. □

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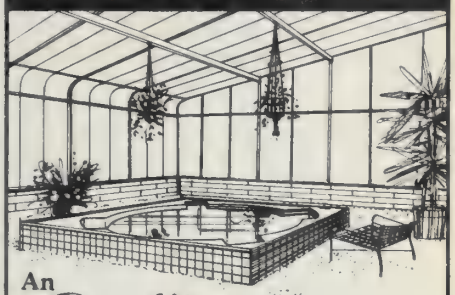

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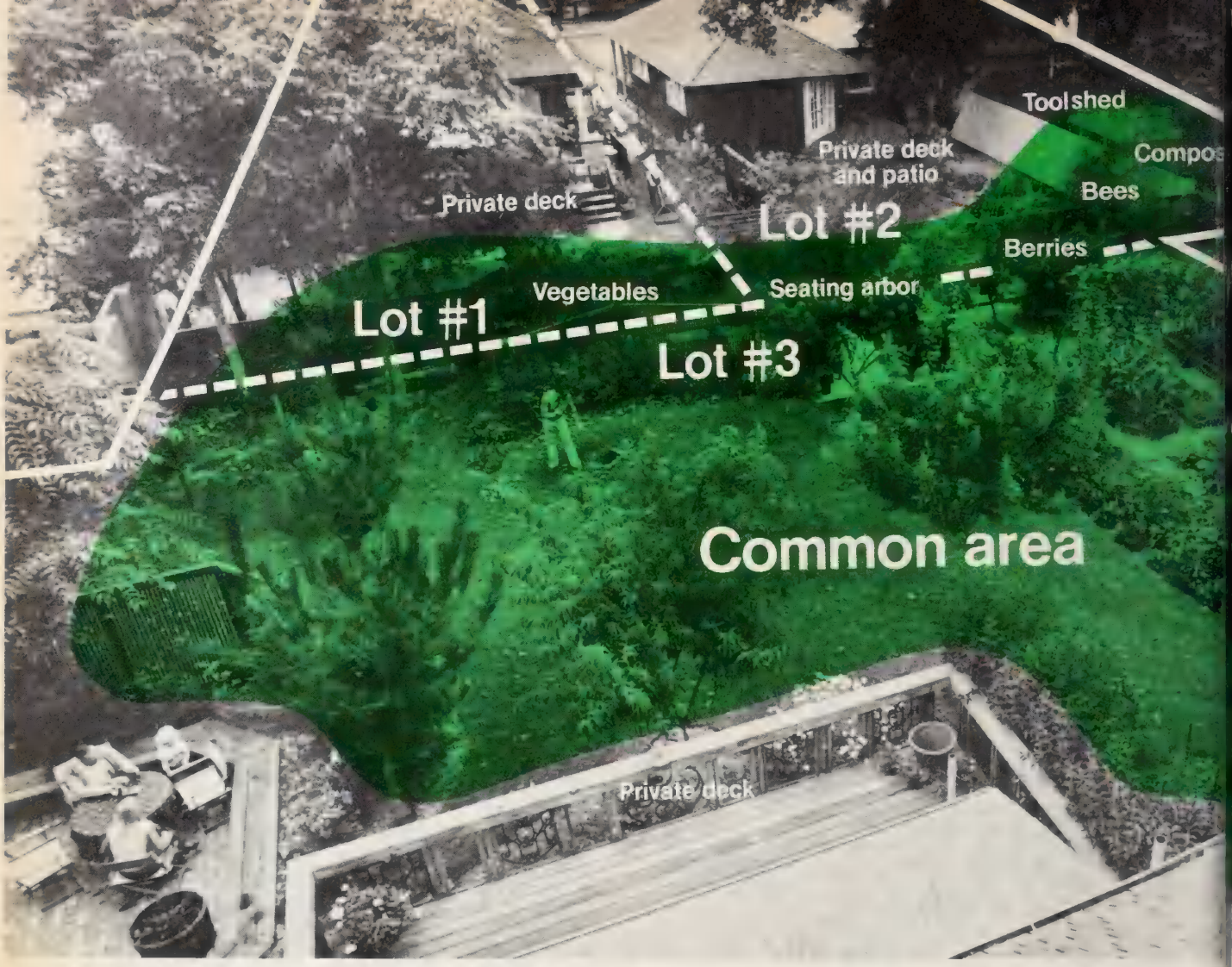


Rooftop view *from shared duplex shows three yards with common area (color tone). Slatted partitions define space uses and give some privacy, while keeping feeling of openness*

Four families get together

All back fences came down. Work was and is shared. Each family has private outdoor living space. All share generous common area

"There's nothing like going ou
yard on a summer evening and
with friends on a common pr
gives you a feeling of camarad
pride that's extremely satisfying
tect Bill Busse of Palo Alto, C
explains why he and his wife,
and their neighbors—the Ha
(lot 1), the Hodos (lot 2), and the
sons (sharing lot 3)—tore down
barriers between their yards in
a shared landscape.

Where solid fences once stood,
now graceful, see-through p
Semiprivate areas still exist.
however, is the open space.

In the photograph above, you
small lots in back with a double
up front. The front property is o
the Busses and the Wilkersons,
gether transformed a dilapidate
rian into a handsome duplex. Fo
ago the yards were rather n
With a design by Busse, a littl
planning, and a lot of group w
park-like communal garden took

Each family chose to maintain
brick patio or wooden deck. W
four families share are lawns, fr
vegetable and berry gardens, a

DARROW M. WATT

Vegetables. *A gentleman's "first come, first served" agreement governs harvest in the 2,000-square-foot vegetable garden. Cucumbers, corn, eggplant, squash, and sugar peas are among summer crops*

g arbor. *Families gather for coffee discussion under a rough redwood pporting several varieties of grapes*

Privacy screens. *See-through partitions have been recycled from old 1-by-12 fence boards ripped down to 1 by 1's. Angled openings edit views, yet offer convenient access*

otting area, and a vine-covered parties and meetings.

start—and afterwards as large such as fences or fruit-tree were planned—all families e expenses.

oo, is shared. Each contributor job he or she enjoys (watering, raking, mowing lawns, caring for flowers or vegetables) and assumes responsibility for that service to the common area. What if jobs are neglected? "That's never been a problem," says Busse. "People seem to feel good about doing their share."

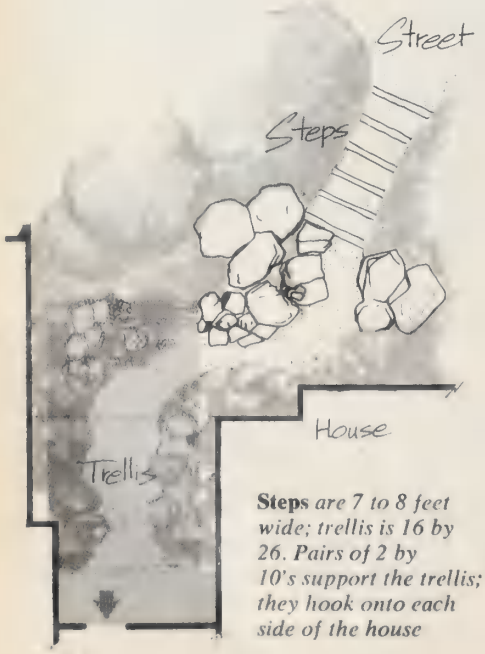
Some problems, however, seem almost inevitable. "The system works for us because we're all committed to talking things through honestly, avoiding misunderstandings and the little resentments that can occur. We sit down together on a regular basis and voice our opinions. So far, it's worked like magic."

One question hasn't been settled: what if one family moves? "We hope new neighbors would want to join in. If not, we'd just have to make a few changes." □

NORMAN

Looking up entry walk, *you see pattern of rocks on slope sculpted by mounding the soil higher at top to partly screen cars. Photograph at right was taken near front door, looking under trellis toward garden; you can't see the steps from here*

Much happens on the way to the front door



Steps *are 7 to 8 feet wide; trellis is 16 by 26. Pairs of 2 by 10's support the trellis; they hook onto each side of the house*

Approaching the front door of Liz and Joe Yamada's house in La Jolla, California, is a delightfully complex experience. The entry walk brings you down a slope in leisurely exploration, never revealing how far you must travel.

Broad, heavily textured concrete steps with railroad-tie risers curve gently down from the street on a slope lushly planted with small-leafed ivy and studded with large boulders, raphiolepis, and clumps of moraea.

At the base of the steps, a dozen or more flattish rocks are incorporated into the concrete walk. These are walkable, but there is also enough paving at the side for those with heels or people who may be less sure-footed.

Beyond the rocks, the walkway turns and leads you under a large trellis to the front door. This trellis, designed by ar David Kikuchi, has two functio shield the lower entry garden fro street and steps above, and to p shade, especially in spring when t is still low in the south and befo California sycamores planted uphi leafed out.

Joe Yamada is a landscape architec an appreciation of Japanese gard sign, most notably of its use o forms, and with an understandin the direct way isn't always the be to move through a garden.

Here you see how rocks create shapes and, where they flow in walkway, add a change in texture also form a natural-looking re wall for the slope without appear do so.

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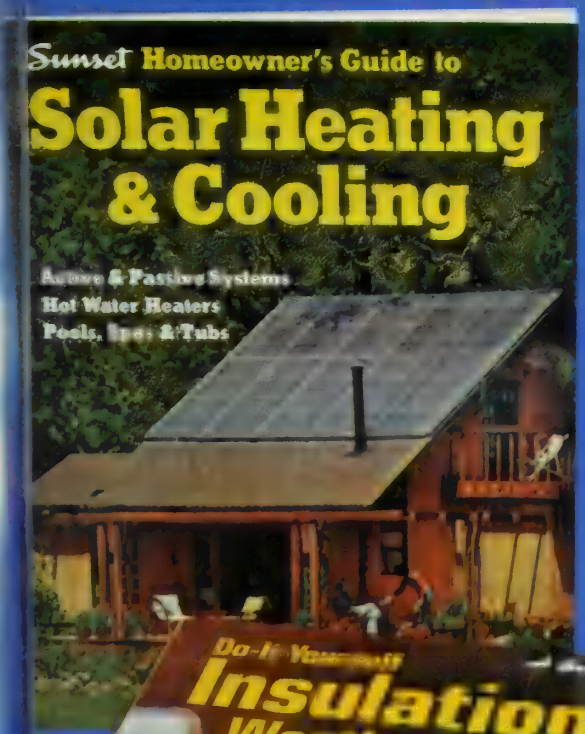

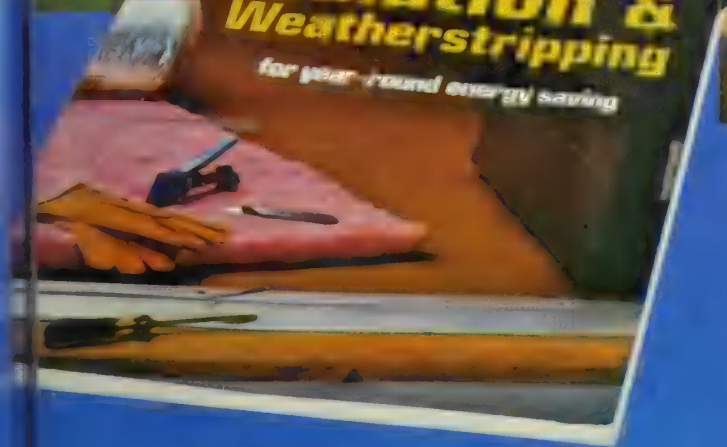

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Is September the ideal garden month? Warm days, harvest time, early fall color all say yes

Sunset's HIGH-ELEVATION GARDEN GUIDE

RICK HASSETT

After it was established, *the manzanita 'Temple Square' in Edward Williams's Ogden garden has grown just on rainfall*

What the spring season lacks in duration is more than made up, in high-elevation gardens, by fall's long, pleasant shift from summer to winter. September is the beginning of this golden time of year, bracketed by summery Labor Day picnics and the first wintry dusting of snow.

To some, it is the ideal gardening month. The days are still long and warm, the nights refreshingly cool. Toward month's end, shrubs and trees begin to lose their summer green and don the fiery colors of autumn.

This tough manzanita provides year-round color

"People who appreciate fine native plants are beginning to discover this manzanita," one plantsman from Ogden, Utah, told *Sunset*.

He's talking about *Arctostaphylos patula* 'Temple Square'. This manzanita, shown at left, keeps its 2-inch-long oval leaves through the winter (they turn yellow-green). In summer, the leaves turn back to a deep, glossy green; clusters of pink flowers cover the plant in May and June. Manzanita 'Temple Square' eventually grows into a rounded 3-to-6-foot-tall shrub. The attractive, smooth bark ranges from gray to brown or red; branches are prized for use in flower arrangements.

You may have to check a few nurseries before you find one that carries this Rocky Mountain native. Five-gallon plants sell for about $13 to $18.

What's new in hardy fall-planted bulbs? Two daffodils and a narcissus

Planting bulbs this fall for color next spring is high on the list of September priorities. Here are two new varieties of daffodil and a new narcissus to look for in nursery bulb bins this month.

Narcissus 'Grape Fruit' has flowers that reach 4 to 5 inches in diameter; outer petals of this flower are white; the inner cup is light yellow. The plants grow about 1½ to 2 feet tall.

In daffodils, the news is from England. English daffodils don't have as large a bulb as those grown in Holland or the Pacific Northwest. However, they produce more flowers per bulb.

Daffodil 'Quirinus' has yellow petals with a deep orange or red center cup. Flowers are about 2½ inches across on 18-inch stems.

'Barrett Browning' is the other new English daffodil. Flowers have white petals with an orange cup and are about 3 inches across. The plants grow about 16 inches tall.

For greens all winter, plant some corn salad now

Corn salad or lamb's lettuce is an almost unheard-of vegetable in the U.S., but markets in Europe sell it through the winter. It's hardy enough (to at least 0°F) to provide you with nutty-tasting salad greens through mountain winters. Gardener Annamarie Garza of Colorado Springs grows corn salad every ye Here's her method.

Sow seeds from August to October rectly in the ground or in a coldfra in soil well prepared with compost, p moss, or well-aged manure. Spread se evenly over the bed and rake them lightly, or sow ½ inch deep in row to 10 inches apart. Keep soil moist u seeds germinate. When seedlings about ½ inch tall, thin to about 2 inc apart. Mature plants will be about 2 t inches tall; leaves are dark green.

If you sow seeds outdoors, give plants a protective mulch during Dece ber, January, and February. Mrs. Ga mulches plants by lacing cut evergr branches through concrete reinforc wire. To harvest, she just lifts the w and branches. You could also mu with hay or straw.

If plants are frozen, allow them to th before harvesting.

To save seeds for next year, let a plants go to seed (about June), cut seed heads, and let them dry for a days. Shake the tiny seeds into a pla bag, then seal it.

MOUNTAIN GARD

☐ **Dig and store summer bul** After the first fall frost (wl foliage has died down), dig up c nas, dahlias, gladiolus, and tuber begonias. Let them dry out fo week to 10 days, then store for winter in moist sand or perlite.

☐ **Divide and replant pere als.** Divide crowded clun of perennials such as bleed hearts, delphinium, poppies, Shasta daisies. Add organic mu to help plants survive the winter

☐ **Divide peonies.** Dig up pe roots. When you divide the leave about three or four pink b on each root division. Replant ro about 2 to 3 inches deep.

☐ **Divide perennial vegetab** Lift and separate thick, fle roots of asparagus, horseradish, rhubarb. After replanting, mu with organic material.

PETER O. WHITELEY

One way to harvest *corn salad: cut off the entire plant. For a longer harvest, gently pull off outer leaves*

u can't find corn salad on seed k mail-order sources include Gur-eed & Nursery, Yankton, S. Dak. ; George W. Park Seed Co., wood, S.C. 29647; Stokes Seeds, 548, Buffalo, N.Y. 14240; and oson & Morgan, Farmingdale, 7727.

pion fall-color producers

rings one of the special pleasures ountain gardening: spectacular ng leaf colors on shrubs and trees. lp you select display plants for in your garden, we've arranged favorite autumn performers ac-g to leaf colors they produce and eight at maturity.

an use these plants many ways: as sing mottled, multilevel collection s, yellows, oranges, and purples, or as a bold swath of a single color. Or use one or two choice specimens against a background of evergreens.

Finally, plants for fall color don't have to be deciduous: use winter display plants like Japanese barberry, Oregon grape, or *Arctostaphylos patula* 'Temple Square' (described on opposite page) for interest extending into winter when other plants are bare.

Look at these plants in nurseries and gardens now, but it would be safer to wait until next spring to plant (some will be sold bare-root), so that they have a full season to grow.

Trees—yellow. Aspen (*Populus tremuloides*, to 60 ft.). Cottonwood (*Populus*, to 80 ft.). Swamp white oak (*Quercus bicolor*, 40 ft.).

Trees—oranges and reds. Ohio buckeye (*Aesculus glabra*, 25 ft.). Hawthorn (*Crataegus*, 15 to 25 ft.). Silver maple (*Acer saccharinum*, 85 ft.).

Trees—purple. White ash (*Fraxinus americana*, 50 to 60 ft.). Hardy ornamental pear (*Pyrus ussuriensis*, 25 ft.).

Shrubs—red to orange. Chokeberry (*Aronia arbutifolia*, 1 to 10 ft.). Cotoneaster (*C. acutifolius*, 10 ft.; *C. apiculatus*, 4 ft.; *C. divaricatus*, 6 ft.; and *C. multiflorus*, 6 to 12 ft.). Japanese barberry (*Berberis thunbergii*, 4 to 6 ft.). Euonymus (*E. fortunei* and *E.f.* 'Azusa', to 10 ft.). Oregon grape (*Mahonia aquifolium*, 1 to 5 ft.). Jamesia (*Jamesia americana*, 3 to 5 ft.). Ninebark (*Physocarpus*, 4 to 5 ft.). Sumac (*Rhus*, many species, 3 to 15 ft.). Viburnum (*Viburnum carlesii*, 4 to 8 ft., *V. lentago*, massive shrub or small tree to 30 ft.).

CK LIST: *The first fall opportunities*

☐ **Harvest fruits and vegetables.** f an overnight frost is fore-ick tomatoes, peppers, egg-and tree fruits such as pears aches.

☐ **Plant spring-flowering bulbs.** Shop early this month for the ection of hardy bulbs such as daffodils, hyacinth, and nar-To get the best performance *altitudes*, plant bulbs at least deeper than is recommended lbs at lower elevations. See ober 1980 *Sunset* for a high-e bulb planting chart.

☐ **Plant new lawns; patch old nes.** Mid-August to about tober is the ideal time to sod new lawns. It is also a ime to reseed or sod thin existing lawns.

☐ **Take cuttings.** Make cuttings f chrysanthemums, geraniums, fuchsias, begonias, and other tender plants to increase your supply. Grow cuttings indoors.

☐ **Transplant evergreens.** After the leaves on deciduous trees have fallen is the second-best time (early spring is the best) to transplant evergreens such as junipers, pines, yews, and arborvitae. Water well after transplanting; keep plants watered during winter dry spells.

☐ **Water selectively.** *Do not water* deciduous shrubs and trees until the leaves have fallen. Watering these plants before leaves fall could cause them to put out tender new growth which could be killed by frosts. However, lawns need regular deep watering to keep them green as long as possible.

☐ **Weed.** Hoe, pull, or spray weeds this month to reduce your weed problem next spring.

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NORMAN A.

Freeform *fish pond with picnic pavilion (behind ferns) is visible from house and stone-paved patio. Picture was taken at feeding time. Steppingstones lead through carpet of baby's tears to woodsy bank*

Hand-shaped, hand-dug pond for 50 koi

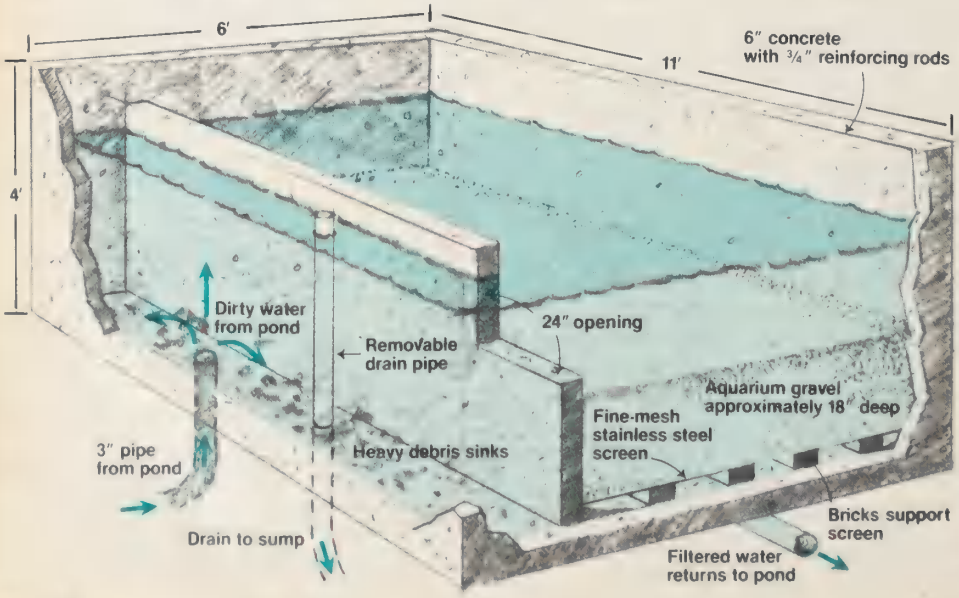
Especially when it's stocked with colorful koi, a clear pond can make a refreshing focal point in the garden. Sharon and Fred Andres of Saratoga, California, will attest to this, for the one you see here in its natural-looking setting is the result of their design and their labor.

Shaped and dug by hand, the 4-foot-deep pond is about 20 feet wide and 32 feet long. Flat paving stones edge it two-thirds of the way around; the remaining third is bordered with lava and moss rocks, which also form a small waterfall. Ferns, iris, papyrus, bulbs, and low shrubs form a lush and seasonally colorful background.

Behind this idyllic scene is careful planning. The wat crystal-clear not by accident, but because of the highly cient biological filter shown below. Designed with the ai Herb Simons of Hayward, California, it keeps the 50 healthy—and visible.

The filtering tank requires cleaning once a year, general spring when the water warms and algae growth starts. process involves a mere 30 minutes to drain and clean debris trough, and skim and replace some gravel.

Filtering tank. *Heavy debris is trapped in trough (left). The rest is filtered by gravel. Skimmer pipe (not shown) takes surface litter from pond to trough. Water is circulated by hidden ¾-hp pump*



Hidden by pavilion, *filtering tank is also home for small fish. Screen cov (not shown) keeps out leaves, raccoon*

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DARROW M. ...

Big spring crop *of 'Tioga' and 'Ozark Beauty' strawberries is payoff for this gardener's f bed-renewal efforts: he digs under all plants, then slices them up with a shovel, as bel*

Strawberries year after year. Fall digging does it

To maintain peak strawberry production, you should renew the bed every two to three years. This task is easy to forget until poor yields and crowded, tired-looking plants remind you it's time to act.

Instead of following the traditional technique of digging up the old plants after harvest and replanting with new stock, William and Kathryn Hards of Cupertino, California, devised a shortcut. Every two years, after they've harvested their last crop of 'Tioga' and 'Ozark Beauty' strawberries in the fall, they dig under the entire bed. (This is usually done in late September or early October.)

All the plants are uprooted and turned underneath the soil surface. Then Mr. Hards slices the soil with the shovel blade to chop up the strawberry plants further, as shown above.

After this process is complete, the Har cover the bed with a 1-inch layer compost and well-rotted manure mixe together in equal parts.

Eventually, new plants will sprout an form next year's strawberry bed. A though the berries are not as large a they would be with the traditiona method (putting in new plants spaced a least 5 to 6 inches apart), the Hards hav been getting abundant fruit for the pas eight seasons. One other secret: they kee the beds well watered during growin season.

If your strawberry plants show any sign of disease, pull them out and start wit new plants in a different location. If yo turned under diseased plants, they woul infect each other.

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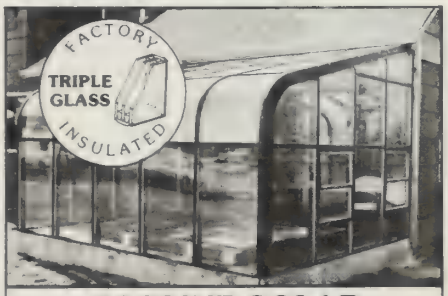

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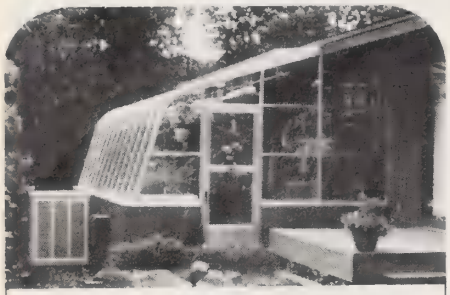

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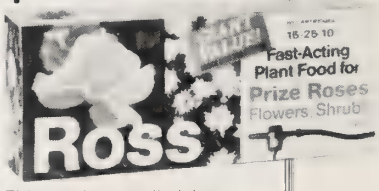

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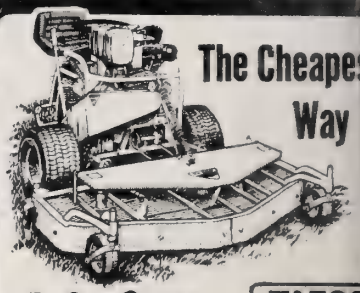

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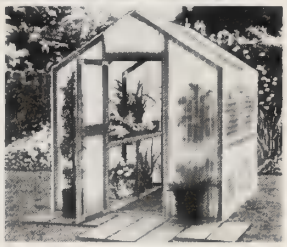

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DON NORMARK

Purplish bloom *5 inches across is fall feature of Chorisia speciosa. Flowers of other kinds are yellow, pink, white*

Fluffy ball, *which appears the next summer, gives Chorisia its common name: floss silk tree*

Collector's tree blooms in fall

D of the showiest trees you can grow n California garden is also one of the n t unusual. It's the floss silk tree, *risia.*

South American native gets its x mon name from large, silky balls of l produced when the seed pods ripen n mmer. The fluff is kapok, used com- n cially to stuff pillows.

B ally striking are the tree's large or- -like flowers that bloom now as the e es fall for winter dormancy. The l ers develop into avocado-shaped but n ible seed pods, which hang on to n when weather warms up.

spectacular bloom, particularly vi d in large public plantings in South- California, often calls *Chorisia* to t attention of gardeners for the first i . Although not as prominent in n hern California, the trees grow well the Bay Area and along the coast; m is somewhat sparse. (The Central ey is too cold in winter.)

risia must be planted where it will g excellent drainage. Water the trees m thly until they are established.

F s silk trees are especially dramatic w n planted in groups. That increases th amount of fall bloom and the num- b of summer silk balls.

F nurseries carry *Chorisias* in large n bers, but your nurseryman can order t s. Usually available are *C. insignis,* w ch grows to 50 feet and has white to p yellow flowers; *C. speciosa,* which g s to 60 feet and has pink, purplish r , or burgundy flowers; and *C. speciosa* 'Majestic Beauty', with rich pink flowers.

Except for 'Majestic Beauty' (which is thornless), the trunks are studded with short, fat thorns, making the trees impossible for children to climb and hazardous for anyone who leans against them. The trunks are also peculiar in the way they grow: a bulge appears about 2 or 3 feet above ground level; it gradually extends up and down for several years until the entire trunk has widened.

One nurseryman said, "*Chorisias* usually sell to plant collectors and other gardeners with advanced tastes." But that doesn't seem to stop the growing number of home gardeners who happen to see a *Chorisia* in bloom somewhere and decide to give it a try. □

Twin specimens *of Chorisia speciosa define edge of property in Fullerton. They cast heavy shade*

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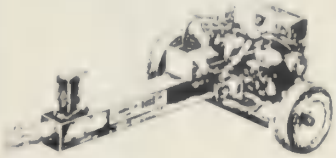

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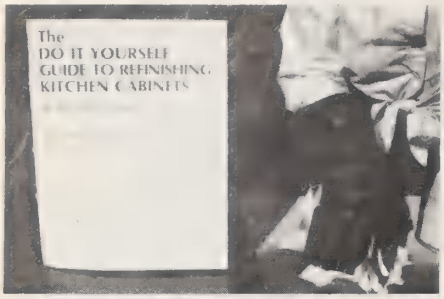

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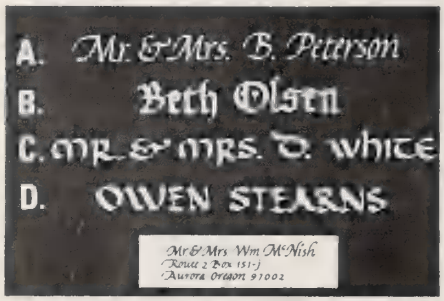

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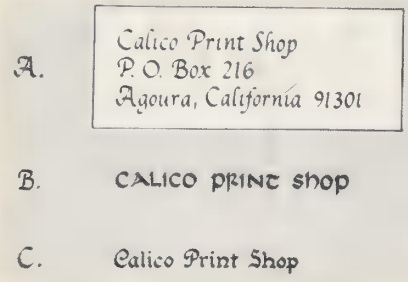

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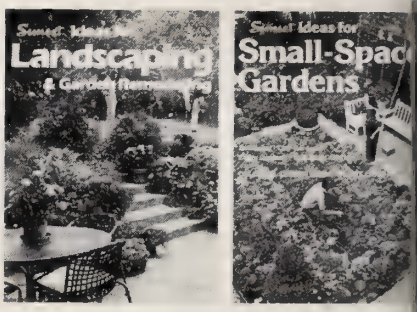

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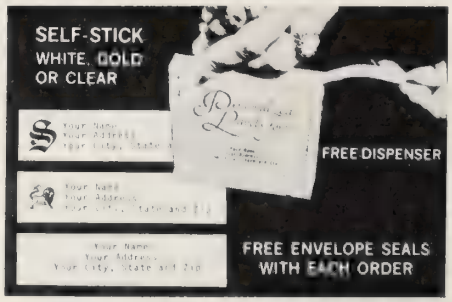

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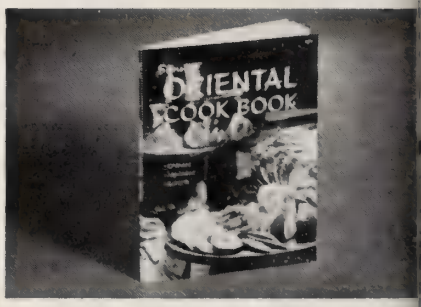

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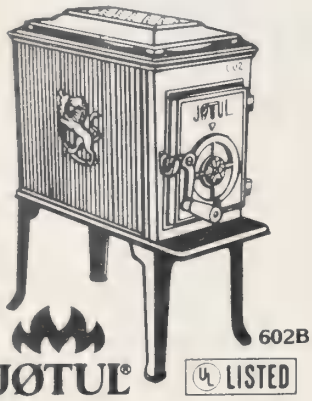

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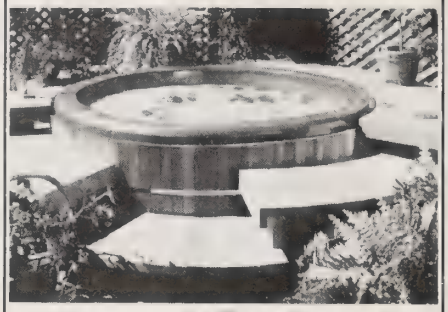

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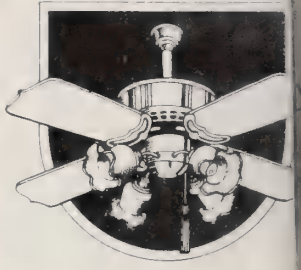

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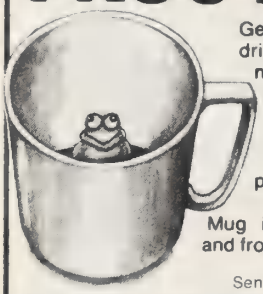

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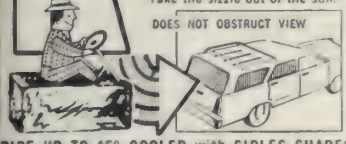

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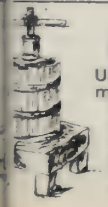

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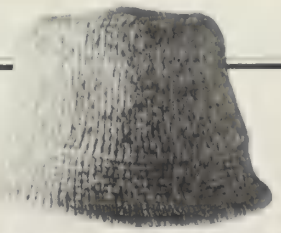

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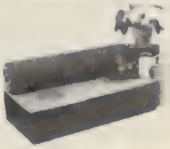

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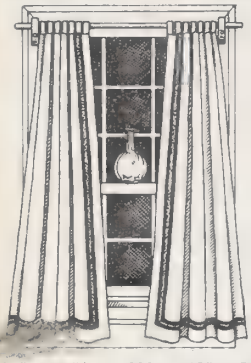

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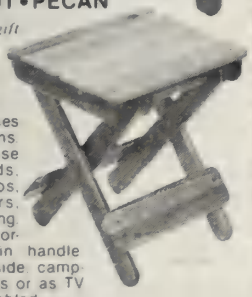

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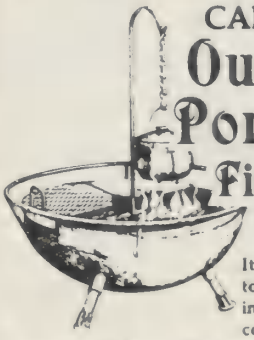

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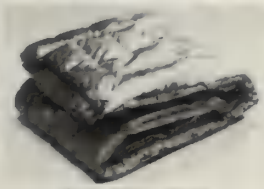

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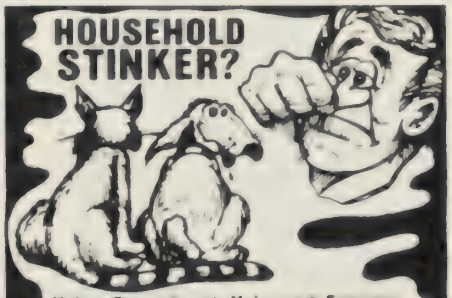

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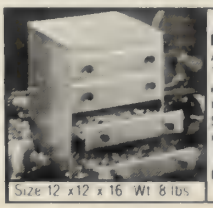

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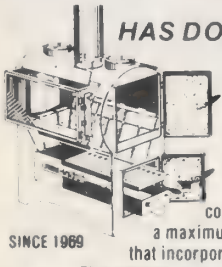

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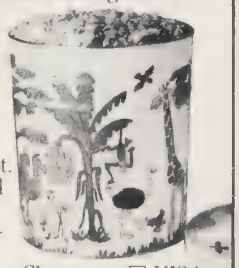

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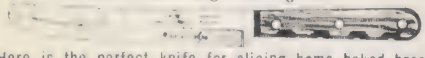

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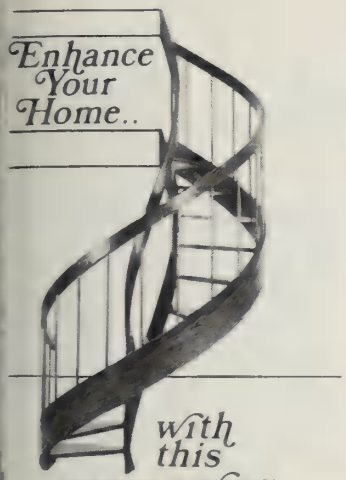

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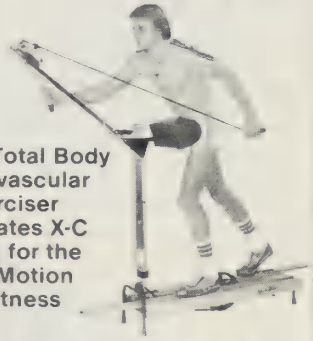

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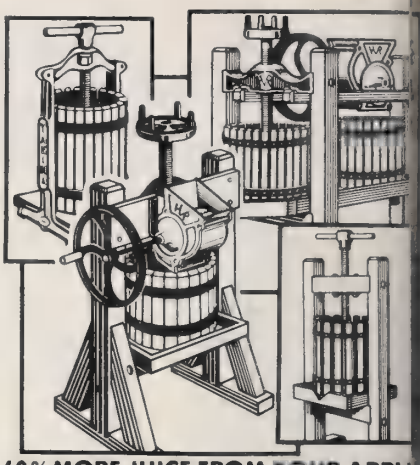

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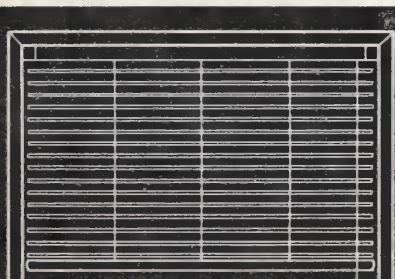

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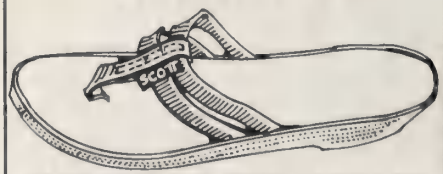

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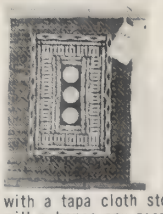

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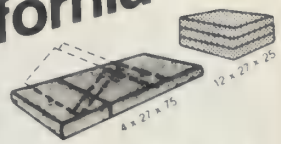

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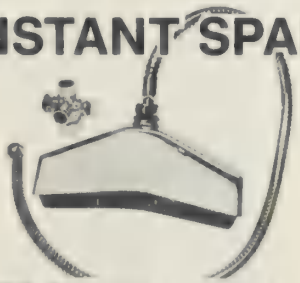

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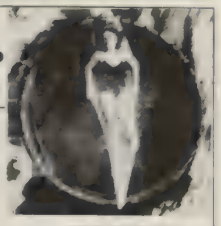

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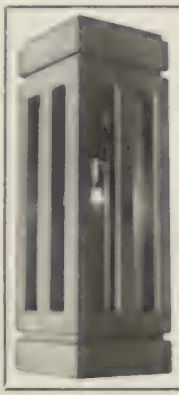

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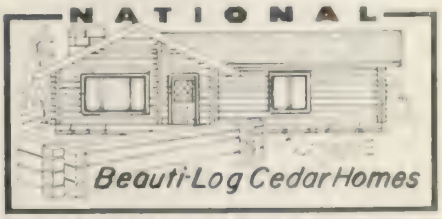

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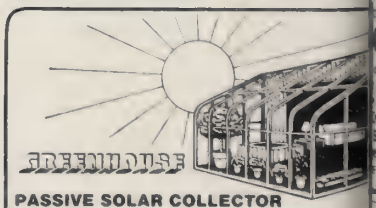

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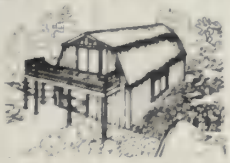

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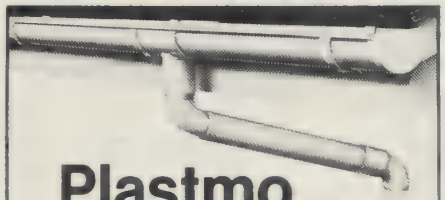

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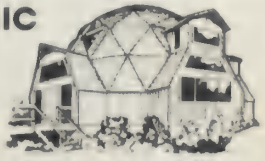

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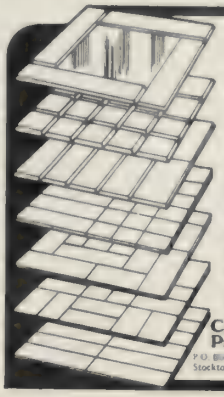

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LETTER FROM *Sunset*

Still a chance for Pacific salmo

This month is the peak of one of the West's most majestic natura nomena: the arduous migration of the Pacific salmon from the sea, upriver to spawning grounds in the clean, cold gravel beds o low streams where they hatched two to five years earlier.

But the spawning run isn't what it once was: salmon entering the have dropped to half their record highs. Only 183,000 fall-run ch returned to the Klamath and the Columbia in 1980, compare more than 350,000 before 1970. The salmon industry has been c ing. Commercial, Indian, and sport fishermen have been in conflic

What has caused the salmon decline? Most important, destructi spawning habitat. And both man and nature have had a hand in it

Intensive fishing began denting the migration some 40 years ago. dams on the Columbia, Klamath, Sacramento, and their tributarie us energy and irrigation water, they block or flood spawning st and their turbines destroy young fish migrating downstream. T harvesting has choked off streams with silt and logjams; drought the eruption of Mount Saint Helens have adversely affected still

Should we ready a tombstone for the Pacific salmon? Not yet, at The salmon's own will to survive, along with increased publi private attention, may be beginning to arrest the decline.

Alaska's fishery, for one, is experiencing record runs of sockeye c careful management and less human impact on rivers and stream

In other Pacific states, public and private efforts are rehabili spawning grounds. Rangers, biologists, students, and volunteers logjams and clean up streambeds. Some timber companies and f men's groups are taking an active role. In California, for instan goal of 100 miles of restored spawning habitat per year has been s

Public and private hatcheries release more than 200 million ocean-b fry annually (less than 1 percent survive to spawn). Along Califo Smith River, a citizen group even raised money for its own hatche Rowdy Creek to make up for losses caused by intensive logging.

"Salmon ranching" looks promising (see caption below). And efforts are getting fish around dams: complex bypass systems use screens to deflect fish from turbine intakes up into passageway deliver them to tank trucks or barges for safe transport downstrea

Recent legislation also promises help. The 1980 Pacific Northwest tric Power and Conservation Planning Act gives protection for mig fish equal footing with other considerations when water developm planned. And the federal Salmon and Steelhead Conservation A 1980 authorized $70 million in aid (unfortunately, actual funding included in the new congressional budget).

Only time will tell how effective these measures will be. The sal whose migrations range across the entire north Pacific, are an irrep able Western resource. They deserve our protection.

WINDOW ON THE WEST: *Salmon ranching*

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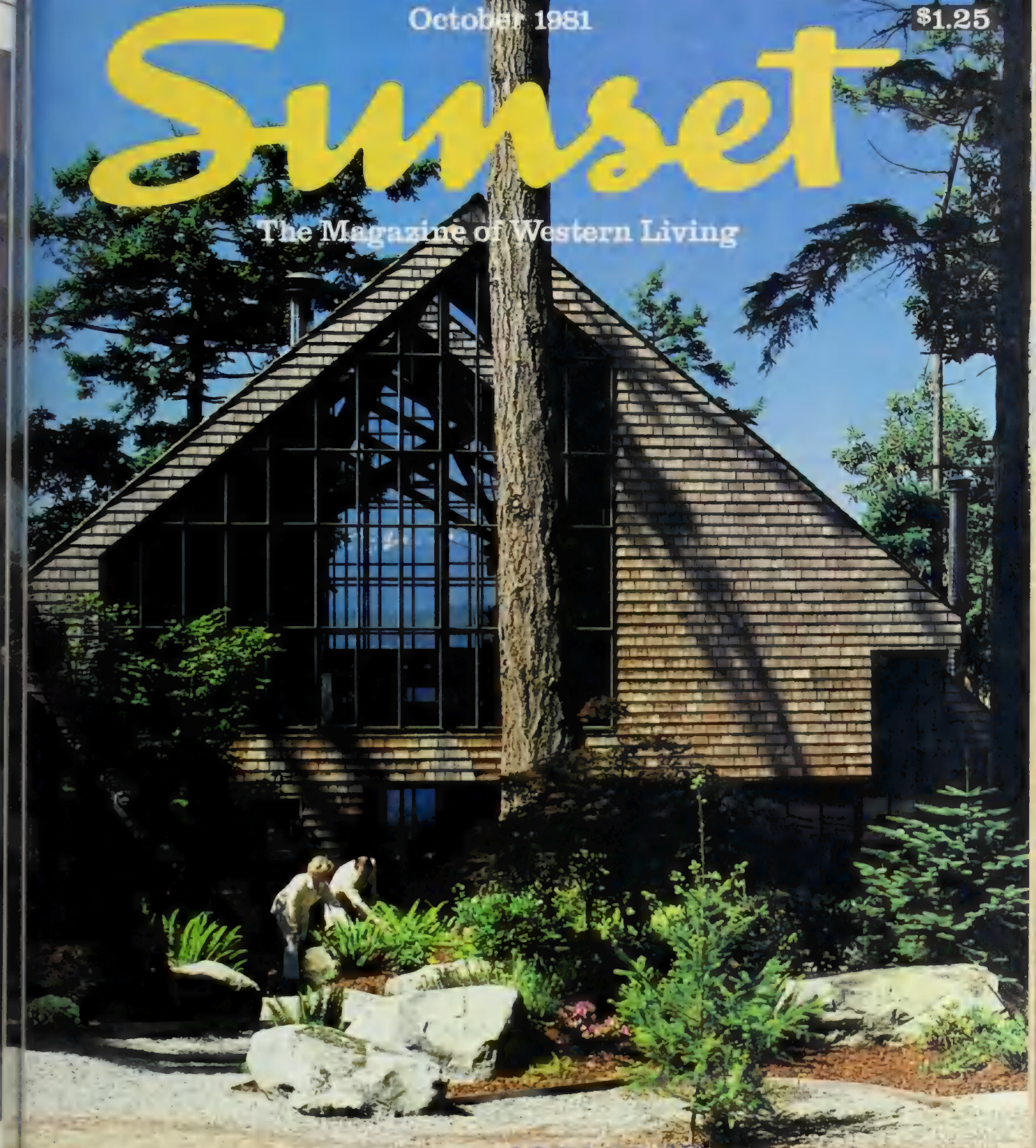

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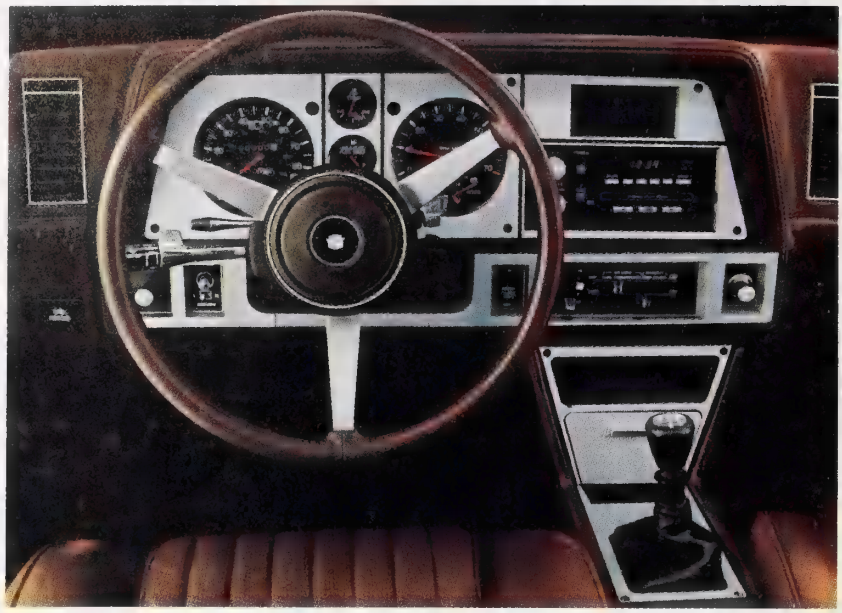

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The Cover Story

The ferries to Whidbey Island were crowded and running late on the third of July, so by the time photographer Glenn Christiansen reached the award-winning house on our cover, the light was moving quickly off the northeast façade. He made it with a good 15 minutes to spare. See page 74 for more on this and other award winners.

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JAPAN THE SECOND TIME AROUND

"The first time Jim and I were in Japan we spent three days there. It wasn't nearly enough time. We promised ourselves we would come back. I'm so glad we kept our promise.

"We started planning our trip months before we were in Japan. Looking back now, every minute we spent planning rewarded us in hours of enjoyment.

"Even though we never met them, Jim and I feel we have many friends at the Japan National Tourist Organization. They not only sent us guides, timetables and maps, they went out of their way to answer special questions. For example, Jim just finished reading Shogun and wanted to see something connected with the samurai warrior era. JNTO told us we could visit the house of a samurai in Matsue and Hagi. JNTO even helped us arrange a visit with a Japanese family through their Home Visit Program.

"We chose Japan Air Lines because we wanted our vacation to begin as soon as possible. On JAL, we felt we were in Japan from the moment we were welcomed aboard with the traditional bow. Their gracious, thoughtful service was a precursor of our whole vacation. JAL also opened a world of special information to us—lightweight travel handbooks and a Jet-Age language cassette in traveller's Japanese that Jim mastered very quickly. And when we told JAL of our interests in ceramics and gardens, they quickly recommended a tour that highlighted both.

"Our trip has given us a wealth of memories: the tame deer we fed in Nara, the ikebana flower arranging class I took, the village of pottery craftsmen we visited where we both had turns at the potter's wheel.

"Jim and I are back home and planning for another trip to Japan."

Japan. It's even better the second time around.

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ctober travel . . . in and beyond the West

BY ROSS

Cyclists follow *wide Corte Madera Creek much of the way, stopping occasionally for views of Mount Tamalpais*

Picnic stop *at the Wine and Cheese Shop near ferry landing starts bicycle tour; window-shopping in Larkspur tops it off*

SUSAN BIDDLE

A bike tour of quiet Larkspur . . . still scenic, now on an off-road path

Cycling around Larkspur in Marin County used to be a scenic but rather harrowing journey—bicycles and cars shared the narrow main route into town. Now a smooth and separate bike path takes you safely from the ferry terminal to the main shopping district. It winds along a creek, then heads up to the College of Marin campus and into town for a pleasant, fairly easy 5-mile round trip. And cool but sunny October can be the best time for this tour.

Although weekend ferry service has been curtailed lately, you should still be able to combine your ride with a ferry trip from San Francisco (there's a section for bikes on the boat); see next page for details. The Larkspur terminal is the path's starting point and offers plenty of free parking. Across the street from it are several stores and delis where you can pick up picnic supplies.

The route is well marked. Head west on the path; signs will direct you under the freeway. You'll ride alongside lazy Corte Madera Creek, dotted with small sailboats on weekends. It's flat here but soon climbs a bit to S. Eliseo Drive, where the path follows this quiet residential street for a short way before coming out to Bon Air Road.

A short ride up the path to College of Marin's green campus leads to many

No vertigo *for staffer David Stubbs as he shoots Dana Point winner*

On the roof, on the road

After the jury selected the 1981 AIA-*Sunset* Western Home Award winners, we had to move fast. To meet early deadlines for color engravings, building editor Rick Morrall, art director Carol Goforth, and photographer Glenn Christiansen logged 5,000 miles in nine days.

Homeowners, architects, and weather cooperated, but a suitcase with exposed film that was lost in transit monkey-wrenched our plans, necessitating a second trip to Phoenix and a second 5 A.M. shooting "when the light was right and the heat only 95°." Then came black-and-white photography of the other winners, from Napa to Taos.

For the results, turn to page 74. □

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picnic spots; come out the same av
Walk your bike over the bridgew
Magnolia Avenue to head south to
the business district.

On Magnolia, you follow the level
about ½ mile to the edge of down
It's best to walk bikes as you explor
small antique shops, restaurants, an
ice cream shop along the village's
block-long main street. You backtra
return to the ferry terminal.

A bridge district board meeting in
tember will determine if the Lark
ferry will continue weekend runs
check, call (415) 332-6600.

As of our press time, weekend sched
listed departures from the San Franc
Ferry Building to Larkspur as 11
1:50, 3:50, and 5:50. Departures f
Larkspur to San Francisco were 10
12:50, 2:50, and 4:50. One-way fare
the 1-hour trip is $3 adults, $1.50
dren 6 to 12, under 6 free with adult

Failing the ferry, you can get to
Larkspur terminal and the bike pa
start by taking U.S. Highway 101 to
Sir Francis Drake Boulevard - F
Terminal exit and follow signs.

California International Airshow comes to Salinas October 24 and 2

Death-defying feats and daredevil st
are only part of what's in store for
tors to the California International
show, to be held Saturday and Sunc
October 24 and 25. You'll see the w
known Blue Angels of the U.S. Na
test pilot Bob Hoover, and stunt p
Art Scholl.

Also on the program are more ae
batics, formation parachute jumpi
and flybys. When you aren't cran
your neck up at the sky, you can look
an array of ground exhibits—hot-
balloons, World War II warplanes,
tique aircraft, modern military planes

Breakfast ($5.50) starts at 7 each mo
ing, with the main show at 1. Arri
early to avoid crowds and parking pr
lems. Box seats cost $8; general adm
sion is $5 for adults, $3 for children 6
12, free for younger children.

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reau, Box 1170, Salinas 93902. Add
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way 101 to the Airport Boulevard e
south of Salinas and follow signs.

Views from a camera: new book looks at San Francisco, Stanford

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lurking nearby with a camera. He ma
be producing art, may be recording hi
tory. If he's Leo Holub, he's doing bot
As a long-time roving photographer f
Stanford University, Holub spun the i

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stitutional photograph in new directions by disregarding monuments and instead studying—with unusual wit and sensitivity—the people who think, work, and play there.

This month, the Stanford Alumni Association is publishing *Leo Holub Photographer*, a 144-page, 125-photograph, black-and-white retrospective of his work over 40 years, with an introduction by noted Western novelist and historian Wallace Stegner. (The book is not all Stanford; its first half of the book brings the same techniques to bear on Holub's hometown, San Francisco.)

If you can't find this large-format work at your bookstore, send $47 (Californians add $2.93 sales tax) to Bowman Alumni House, Stanford, Calif. 94305.

Scarecrow muster in Vacaville the last week of October

Consider scarecrows—they also serve who only stand and wait. Dressed in overalls and work shirts, they've kept a stern vigil in the fields frightening birds and occasionally children.

Yet even men of straw must change with the times. You can find more than 250 modern versions (made with everything from tin cans to papier-mâché, as well as straw) in Vacaville at the Great Scarecrow Competition from October 24 (judging day) to 31.

Last year's entrants ranged from a pink

GREGG M

Lover of tradition, *one artist in last year's scarecrow contest used straw, corncobs. Other entries were more iconoclastic*

tulle Miss Piggy to a hubcap-brea valkyrie. Along with pumpkins for s scarecrows will be spread out over n big back lot at the Nut Tree Restaur sponsor of the contest. The free sho is open for viewing from 10 A.M. to du

Cash prizes are awarded; for an e application (the entry deadline is O ber 10), call the restaurant at (707) 4 6411. The Nut Tree is off Interstate 0 in Vacaville, 60 miles northeast of Francisco.

For travel planners, an October 1981 check list

Christmas in Europe. On a three-week tour (December 12 to January 2), attend the candlelight festival in Gouda, The Netherlands; visit the Christmas Fair in Nuremberg, Germany; spend Christmas Eve in Oberndorf near Salzburg, where Gruber wrote *Silent Night*, and New Year's Eve in Vienna. Cost of $1,235 includes continental breakfasts, special meals, hotel accommodations. Air fare, optional side trips, and ski passes are extra. Write to Folkways, 14903 S.E. Linden Lane, Milwaukie, Ore. 97222.

Flowers in Florida. At press time, space was available on a two-week tour (October 19 to November 2) to nurseries, private gardens, and Coral Reef State Park. Cost of $1,119 from Orlando includes hotels, most meals, and horticulturist-guide. For information about this tour or ones to New Zealand and the Orient, write to American Horticultural Society, Mount Vernon, Va. 22121.

Great herds in Tanzania. Planned to coincide with vast migrations of wildebeest and zebra, 18-day safaris visit Arusha and Lake Manyara national parks, Ngorongoro Crater, Serengeti Plain, and Olduvai Gorge. Early 1982 departures: January 7, 21; February 4, 18; March 4, 11. Land cost of $2,480 per person includes hotel or lodge accommodations, meals. Write to Special Expeditions, 133 E. 55th St., New York 10022, or se your travel agent.

Skiing near Sarajevo. The 1984 Winte Olympics will be held in Yugoslavia You can ski the Olympic trails o Mount Jahorina on a 10-day tour de parting weekly from New York betwee November 30 and March 22. Cost o $1,150 includes air fare to Sarajevo nights in a first-class mountain hotel breakfasts and dinners, one-week sk pass. For information on this or othe Yugoslavia tours, write to Yugotours 350 Fifth Ave., New York 10118, or call (800) 223-5298.

Health guide for travelers. Advice on motion sickness, jet lag, heat and cold exposure, immunizations for worldwide travel, and more are given in *How to Stay Healthy while Traveling*. For the revised edition (with a chapter on supposedly eradicated diseases that have reappeared), send $4.95 to Bob Young, M.D., Box 567, Santa Barbara 93102.

What a travel agent can do for you: Provide information on tours; help you plan a trip; reserve space on air, rail, bus, and ship lines; make hotel, ranch, and resort reservations. Travel agents usually do all this without charge, but they do charge for "custom" tour service.

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Index of Directories

School and Camp Directory is the first of five Directories which appear regularly in each issue of SUNSET Magazine. The other four Directories are:

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beginning page 8

GARDEN CENTER
beginning page 268

WESTERN GROCERY DIRECTORY
beginning page 204

SHOPPING CENTER
beginning page 270

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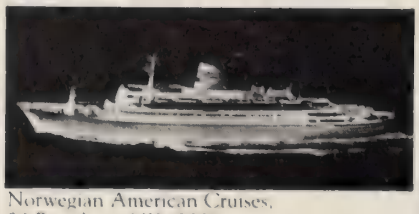

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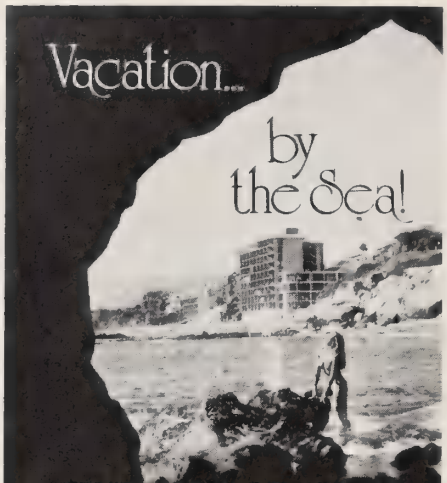

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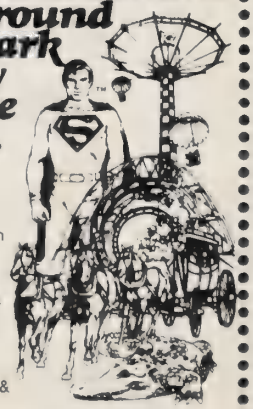

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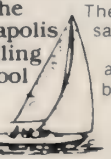

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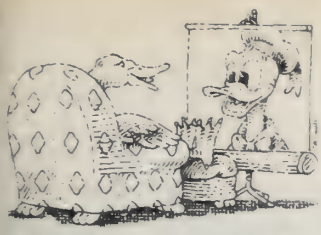

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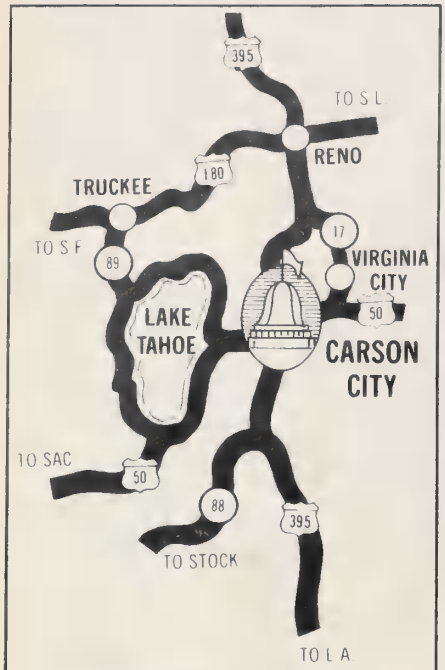

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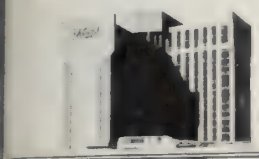

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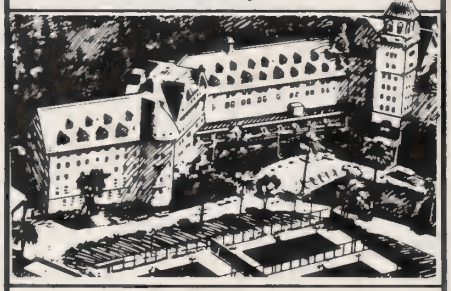

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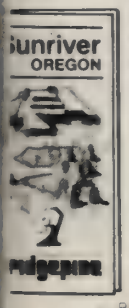

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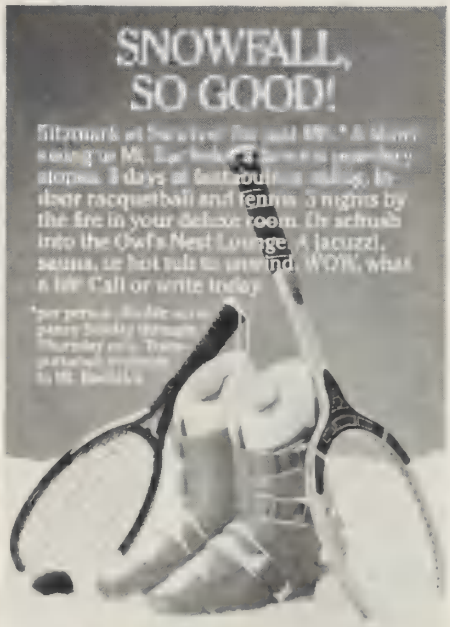

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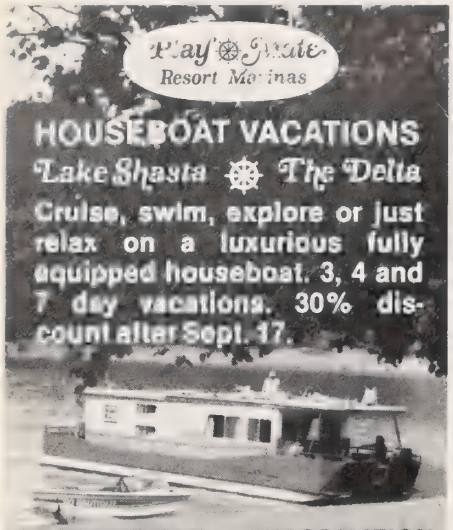

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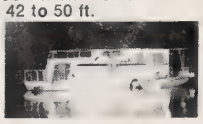

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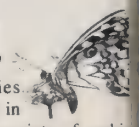

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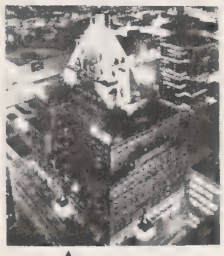

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Crenelations *notch the top of this medieval-looking stone gatehouse*

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Architectural monuments in Colma

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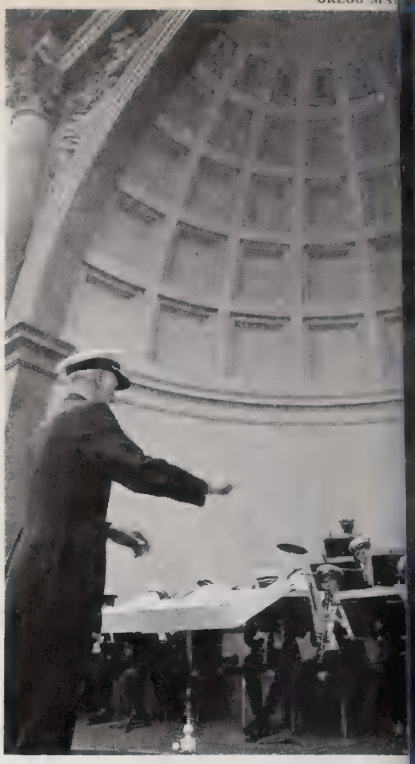

Park band shell, *a Renaissance-style pavilion, has held Sunday bands since 19 Funding threatens the free concerts now*

Golden Gate Par outdoor concerts

The oom-pah-pah of the Sunday ba in Golden Gate Park used to be as miliar to San Franciscans as fog in t morning. But recent funding proble have so shortened the free conc schedule that even this month's pr grams were in doubt. However, just t fore our press time it was announced th October's Sunday concerts would inde take place, from 1 to 3, winding up t year's schedule. (Private donations a being sought: if you wish to help, wr to Friends of the Park "Save the Banc McLaren Lodge, Golden Gate Park, S Francisco 94117.)

Ready to step into this possibly tunele void were four other bands. They w perform, free, on Saturdays in the ba shell. On October 3 from noon to 3, yo can hear the Tri-Matrix, a jazz band. C October 10 from 1:30 to 3, the Cor manders, a 17-piece stage band, will pe form. And the Patrice McMaster Nas band will play on October 17 from noo until 3.

The biggest concert is October 31 fro noon to 3—a 60th anniversary show b the Community Music Center. The pro gram, by faculty and students, includ choral, jazz, Latin, and chamber music.

The band shell is in the music concours of the park, off John F. Kennedy Drive.

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TIMOTHY ORD

She's buying *a 5-pound truckle to send home. Picnic-size wedges are marked mild or tasty (slightly sharper)*

Cheddar from Cheddar country, England. See, sample, or order by ma

To the English, Cheddar cheese is not just a part of the traditional ploughman's lunch. It's a point of pride.

While most Cheddars today are produced in mechanized factories, the real thing is still handmade with the milk of Ayrshire and Friesian cows on 24 farms in the southwest of England. Only these farms are permitted by the Milk Marketing Board to use the "Farmhouse English Cheese" tag. That's the key to buying a good Cheddar in Britain. The tag assures textbook quality: firm, buttery cheese that doesn't crumble when cut; color that's a bit darker than milk; nutty, slightly sharp flavor.

One farm in Somerset County is specially set up for visitors to watch cheese making, then sample and buy. You can also have cheeses sent home. Or, if a trip to Britain is out of the question, you can order by mail. Delivery takes about eig weeks, so you should order now for ho day meals or gifts.

Chewton Cheese Dairy is in the town Chewton Mendip, about 13 miles sou west of Bath via highways A4 and A3 Hours are 9 to 5 daily, except Sunda until 1. Cheese is made from 10 to 11:3

Here are the farm shop prices at pre time: a 6-pound cylindrical truckle, wi rind: £8.40 plus £6.75 surface posta (about $27 total); an 8-pound truck £11 plus £7.95 surface mail (abo $34 total). Send a personal check pa able to Chewton Cheese Dairy, Prio Farm, Chewton Mendip, Bath, Some set, England.

To learn about the possibility of visiti other cheese farms, contact the Engli Country Cheese Council at 5 Jo Princes St., London.

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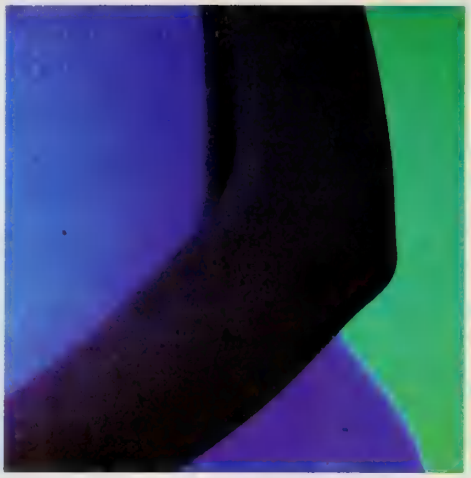
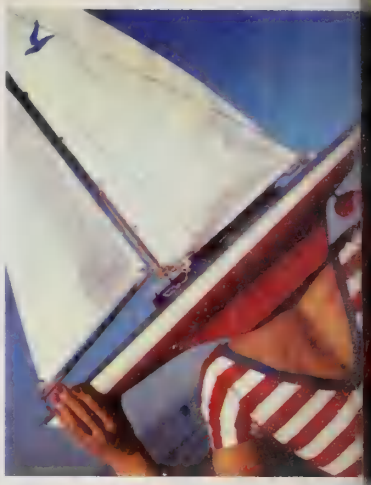


take shape as you watch.



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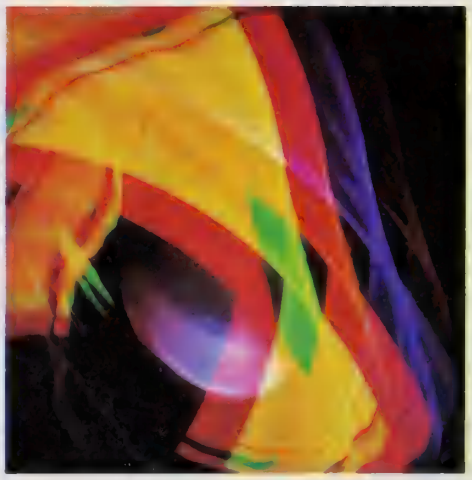

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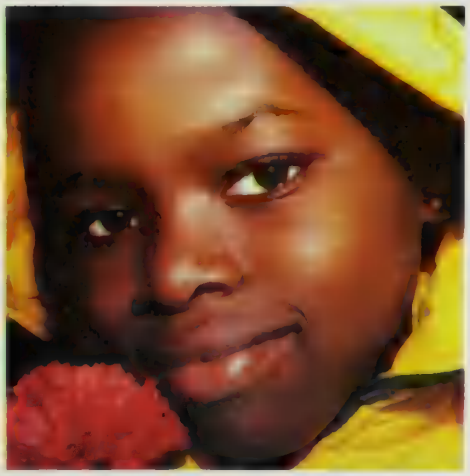

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the world that can do all of this?

DAVID FRANZE

Struggling a bit *with their sailboards, windsurfing students on Oahu's Kailua Bay share the water with traditional Hawaiian canoe*

Land simulator *and instructor (left) introduce student to proper body positioning on board, basic sail handling*

Windsurfing Hawaii

The water's warm, the sport a new challenge. Where to watch, learn

Windsurfing and boardsailing are two terms for an exhilarating water sport that's rapidly gaining popularity. The Hawaiian Islands, in particular, provide all the elements for some of the finest boardsailing in the world: warm water, gently sloping beaches (fine for launching), predictable trade winds, and—for the more advanced—terrific waves.

If you'll be in Hawaii and you're attracted to the notion of skimming across the water on a surfboard with a sail, we list five schools (on three islands) that can help you learn the sport. Or if you'd just like to watch the action, we name popular windsurfing areas.

Each school listed is certified by the International Windsurfer Sailing School system. The teaching method includes the use of a land simulator—a sailboard mounted on a swivel with complete rig (sail, wishbone boom, mast). Initially, you'll learn how to position your body, how to balance on the board, and basic technique. (You'll tilt the mast forward to sail off the wind, or tilt it aft to sail into the wind.) Once you enter the water, you'll use a large, wide sailboard—easier for the beginner to balance.

To arrange lessons, it's best to phone ahead of time. You'll be expected to bring a swimsuit. No wet suit or life jacket is required. And if it's especially windy (more than 15 knots), your lesson may be rescheduled. The instructors have in-the-water lifesaving training; the schools carry proper insurance.

Five schools on three islands

Sailboards Maui, 247 Kaahumanu Ave., Kahului, Maui 96732; (808) 877-6882. A 1-hour lesson costs $20 per person; for 3 hours, $50 a person.

Sailboards Maui, Hyatt Regency, Kaanapali, Maui 96761; (808) 877-6882. A

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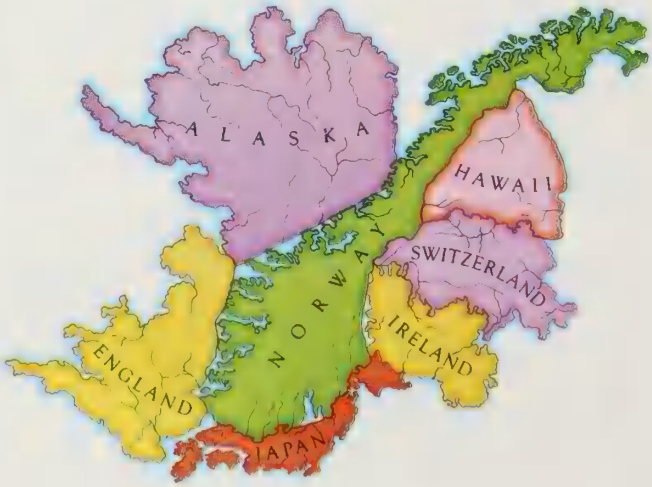
This is what New Zealand looks like to the experienced traveler.



A world traveler who tries to describe New Zealand is apt to paint an extraordinary picture.

He'll tell you it has the unspoiled wilderness of Alaska, beaches that rival Hawaii, fjords like Norway, and Alps like Switzerland.

He'll say New Zealand's villages will make you think of England, New Zealand's lush green meadows will remind you of Ireland, and her towering Mt. Egmont will put you in mind of Japan's Mt. Fuji.

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Windsurfing Maui, Kaanapali Beach Hotel Lahaina, Maui 96761; (808) 669-6726 or (808) 661-0927. Introductory 1-hour lesson costs $20 per person.

Windsurfing Hawaii, 156 C Hamakua Dr., Kailua, Oahu 96734; (808) 261-3539. Beginning 2-hour lesson costs $20 per person.

International Sailing Academy, c/o Kauai Surf Hotel, Box 1729, Lihue, Kauai 96766; (808) 245-9290. Introductory 2-hour lesson costs $25 per person, 3-hour lesson $40.

For advanced boardsailors, most of th schools listed above offer special excu sions and private lessons in wave jump ing and surfing.

Where to watch windsurfing

Several spots around the Islands ar good for windsurfer watching fro shore. On Oahu, while driving fro Waikiki Beach along Diamond Hea Road, pull into the car park overlookin Diamond Head Beach Park. Also o Oahu, Kailua Beach Park near the tow of Kailua, on the windward side of th island can be rewarding.

On Maui, visit the Kaanapali Coas where boardsailors launch from beache fronting several resorts. Also on Mau visit Hookipa Park to see wave jumping To get to Hookipa Park from Kahulu take the Hana Highway (State 36) pas the old town of Paia.

On Kauai, you'll see windsurfing off th beach in front of the Kauai Surf Hote in Kalapaki Beach. To see wave jumpin on Kauai (wind and waves permitting) visit Hanalei Bay on the north shore.

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DAVID STUBBS

The sleek martial lines *of a B-29 are admired at the Castle Air Museum; right, landing gear gets close inspection*

World War II aircraft memories near Merced

What's bad about this stuff is that it all looks familiar." That was the sigh of one middle-aged visitor as he contemplated a B-25 at the Castle Air Museum. But in his next breath the visitor began to recall in great detail his days with the Army Air Corps.

For what is entertaining about the new museum at Castle Air Force Base, north of Merced in California's Central Valley, is that the sight of its vintage military planes is likely to bring reminiscences from anyone who remembers World War II, and even create a certain vicarious nostalgia among people who never encountered that conflict as anything but a plot device on the late show.

Right now, the museum has seven aircraft on display. (Five others are being restored elsewhere on the base; still more will be added as the museum expands.) Though the American entry into World War II forced the frantic construction of thousands of planes, surprisingly few survive today, making Castle's collection all the more impressive. It includes the B-25 Mitchell, similar to the ones flown by General Jimmy Doolittle in the Pacific; a B-29 Superfortress (note the bombs and red flashes painted on the nose—the bombs signal the number of missions flown, the red flashes the number of times the plane was hit with enemy fire); a B-26 Invader; and a B-17 Flying Fortress. Newer planes include a bulbous KC-97 Strato Freighter, a little L-20 Beaver, and a jet fighter, the F-105.

Adjacent to the field is a small museum devoted to military memorabilia like newspapers from December 8, 1941, the day after the Day of Infamy; the Norden bombsight that allegedly could "place a bomb in a pickle barrel from 20,000 feet"; and a pressure suit for the pilot of an X-15.

To reach the museum, take U.S. 99 northwest from Merced, then turn north at the Castle Air Force Base - Buhach Road exit. Continue north on Buhach, then turn left on Santa Fe Drive; the museum will be on your right. Admission is free; hours are 10 to 4 daily.

If you visit Castle on Saturday, October 17, you can also attend the base's annual open house, which includes exhibits, flying demonstrations, and additional aircraft displays. For more information, call (209) 726-2878. □

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A plaything now, *4-ton bronze propeller in Independent Park came from the USS Nipsic, cruiser lost in the 1889 typhoon off Samoa. Given to the city by Mare Island, it recalls Vallejo's maritime past*

GREGG MANCUSO

New waterfront walkway *overlooks Mare Island Strait with still-busy naval shipyards beyond*

Vallejo offers new reasons for a stopover... lively waterfront, whaleboat races, history walk

The fortunes of Vallejo depended for a long time on its waterfront. The gold rush and three wars kept the shipyards busy and brought periods of prosperity to this port town, located about 30 miles northeast of San Francisco on San Pablo Bay. But after each maritime boom came bust—at least until recently, when a major waterfront and downtown revitalizing effort started to bring business and people back to town.

Now there are greenswards, bike paths, a fishing pier, a historic district full of refurbished Victorians: all good reasons to make the short detour from Interstate 80. If you time your visit for October—perhaps as a stopover on the way to the wine country—you'll find two more reasons to poke around Vallejo's waterfront: a whaleboat regatta and the opening of a naval history section in the museum.

The maritime influence remains strong. The naval yards at Mare Island launched 391 vessels here in World War II, and it's still an active repair and training base. Nearby, the California Maritime Academy trains students to be merchant marine officers. On October 25 from 1 to 4, the school will have an open house: you can tour the 491-foot training ship *Golden Bear* as well as the campus itself (from Interstate 80, take Sonoma Boulevard to Maritime Academy Drive). October 3 and 4, the academy will sponsor a free whaleboat regatta from 10 to 4, with some 65 crews rowing in the strait. The seawall greensward, right off Mare Island Boulevard, is a good place to watch the races. It also offers climbable sculptures, benches for fishermen, a smooth bike path, and—most weekends—a parade of pleasure craft in the strait.

At the north end of Wilson Avenue is another popular fishing spot—a small pier where you might catch sturgeon or bass (no license required).

Moving uptown from the waterfront, you'll find a new civic center and park with a mile-long exercise course.

Walk up Virginia Street for a look at the Empress Theater, a 1930 art deco movie

Cozy spot *for bed and breakfast is antique-filled Hotel Vallejo*

Coxswain stands *to guide wood-hulled whaleboat; this month, 65 crews race in the 2-ton boats along a 500-yard course*

REIDER SCHOPP

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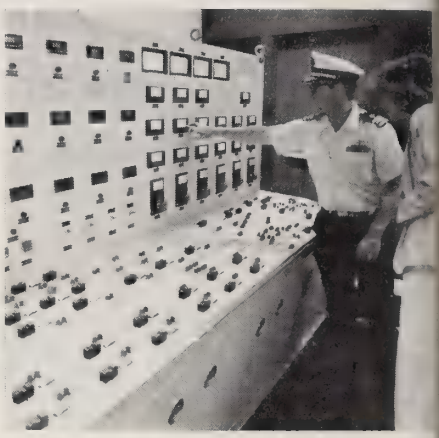
GREGG MANCU

Training ship *Golden Bear (above) once sa wartime duty. Tanker simulator on campus (below) lets students load dangerous cargo on paper. Both are part of open house*



palace recently restored and showing films again. Next door, at 328 Virginia, is the 1920s-style Hotel Vallejo, now a 24-room bed-and-breakfast inn furnished with antiques. Rates are $25 to $45; call (707) 552-6123.

Farther up the street, at 437 Virginia, is Mary's, a new restaurant in a restored Victorian. It's open for lunch weekdays from 11:30 to 2:30 and dinner Tuesday through Saturday from 5 to 10 (no minors allowed).

A new gallery at the Vallejo Naval and Historic Museum at 734 Marin Street shows off the city's past with a smashing multipanel mural by Richard E. Cook and a host of naval artifacts including a working periscope from a World War II submarine, ship models, uniforms, and a cannon. The museum is open Tuesday through Friday from 10 to 4:30, weekends from 1 to 4:30. Admission is 50 cents for adults, 25 cents for children under 18.

Just north of downtown is the 16-block historic district, bounded by Carolina, Monterey, York, and Sutter streets. Here you'll see mostly Victorian houses built between 1860 and 1910—Queen Anne, carpenter Gothic, neoclassical. Pick up a free minitour pamphlet for this area or for other Vallejo attractions at the Chamber of Commerce, 2 Florida Street (open 8:30 to 5 weekdays) or at the naval museum. □

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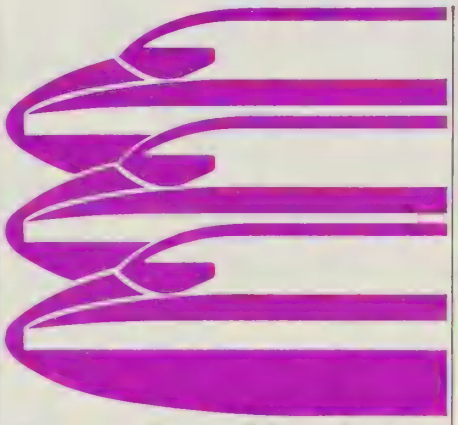

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DAVID STUBBS

A picturesque concatenation *of gables, arches, and bays gives this San Rafael Victorian a Queen Anne character. Inside, you see stained-glass windows, carved Ionic columns*

Victorian country estate in San Rafael

Falkirk, a Victorian estate two block from downtown San Rafael, was onc the home of steamship baron Robe Dollar. It's now owned and operated b the city of San Rafael as the Falkir Community Cultural Center. The cente at 1408 Mission Street, puts on a rang of activities: fine arts classes, photogra phy workshops, exhibitions, outdoc concerts, and tours of the house an grounds. You can even rent the hous for a wedding reception.

If you're interested in late 19th-centur architecture, the house is worth a trip Though there are no original furnish ings, the main living rooms remain in tact. Leaded-glass windows, Ionic co umns beside the fireplace, and honey colored paneling make the front hall an parlor especially interesting. Designed i 1888 by architect Clinton Day, who i best known for his City of Paris store i San Francisco, Falkirk typifies the ec lectic country estate of the period.

The center is open Monday through Fri day 8:30 to 5, Saturday 10 to noon; ad mission is free. To find out the month' events, call (415) 457-6888. To get there take the Central San Rafael exit fron U.S. Highway 101 15 miles north of Sa Francisco and go west on Third Street Take E Street north to its end, a parkin lot next to the estate.

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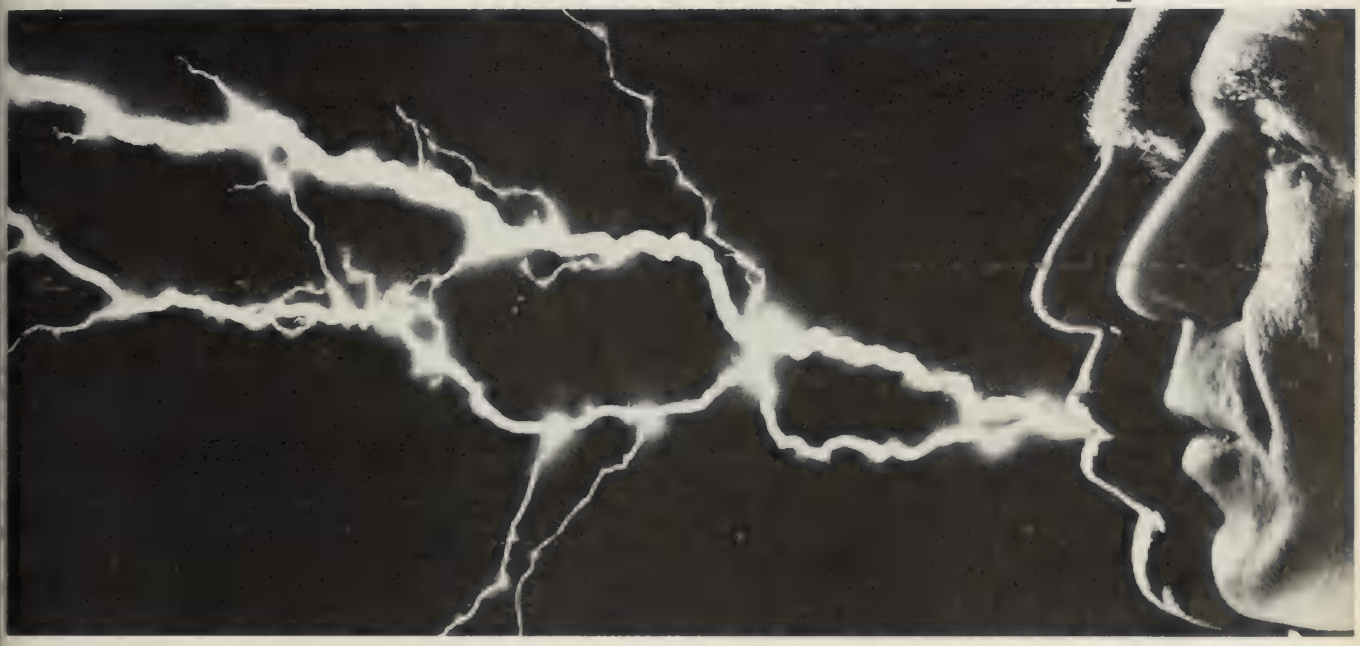

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Where the bands meet

On pages 100 and 101, we celebrate the autumnal splendor of the high school band competition. Here we list these events throughout the West. For band reviews, we note the main parade routes; for field tournaments, we name the school whose stadium will be used. Because the tournaments can be subject to schedule changes, call the school before you set out. Parades are, of course, free; field tournaments generally cost $2 to $4, with tickets sold at the gate.

ARIZONA

Flagstaff, October 24. Field tournament, 9 A.M., Northern Arizona University.

Glendale, November 14. Field tournament, 8 A.M., Glendale Community College.

Mesa, December 5. State championship field tournament, Dobson High School. Hours not set at press time; call (602) 964-0127.

Phoenix, October 20. Field tournament, 7 P.M., Shadow Mountain High School.

Tempe, November 7. Field tournament, 7:30 A.M., Arizona State University.

Thatcher, October 17. Field tournament, Eastern Arizona College. Hours not set at press time; call (602) 428-1133 for more information.

Tucson, November 21. Field tournament, 8 A.M., University of Arizona.

NORTHERN CALIFORNIA

Chico, November 14. Band review, 10 A.M., Broadway. November 15. Field tournament, noon, Cal State Chico.

Clovis, November 14. Band review, 10 A.M., Fourth and Pollasky avenues. Field tournament, 7 P.M., Clovis High School.

Concord, October 3. Band review, 10 A.M., Concord Boulevard and Farm Bureau Road. Field tournament, 1 P.M., Diablo Valley College.

Cupertino, October 10. Band review, 10 A.M., Stevens Creek Boulevard and Vista Drive. Field tournament, 6:30 P.M., Cupertino High School.

Hayward, October 24. Field tournament, 1 P.M., Chabot College.

Lodi, November 7. Band review, 10:30 A.M., Elm Street. Field tournament, 6:30 P.M., Grape Bowl.

Loomis, October 17. Band review, noon, Taylor Road. Field tournament, 6 P.M., Del Oro High School.

Merced, November 7. Band review, 10:25 A.M., O Street.

Morgan Hill, November 7. Field tournament, Live Oak High School. Hours not set at press time; call (408) 779-5210.

Newman, October 17. Band review, 11 A.M., O Street. Field tournament, 6 P.M., Gustine High School.

Pleasanton, October 24. Band review, 11 A.M., Main Street. Field tournament, 6:30 P.M., Foothill High School.

Redding, October 17. Schedule not set at press time; call (916) 241-4161 for more information.

San Jose, November 8. Field tournament. Hours and place not set at press time; call (408) 926-7325. November 21. Music Bowl IV. Field tournament, 7 P.M., San Jose State.

Santa Clara, October 3. Field tournament, 1 P.M., Santa Clara University. October 4. Parade of Champions, 12:30 P.M., Washington and Lafayette streets.

Selma, October 31. Band review, 9:30 A.M., High Street. Field tournament, 1 P.M., Selma High School.

Union City, October 31. Band review, 11 A.M., 34200 Alvarado-Niles Road. Field tournament, 7 A.M., Logan High School.

SOUTHERN CALIFORNIA

Alta Loma, December 5. Parade and field competition, 10 A.M. to 7 P.M., Chaffey College.

Anaheim, October 17. Field tournament, 1 P.M., Anaheim Stadium. November 21, 9 A.M., Glover Stadium.

Arcadia, November 21. Band review, 9:50 A.M., Baldwin Avenue.

Arvin, December 5. Field tournament, 11 A.M., Arvin High School.

Azusa, October 13. Field tournament, 6 P.M., Citrus College.

Chino, November 3, 5, 7. Field tournament, 6:30 each night, Chino High School. November 7. Band review, 10 A.M., Riverside Drive and Central Avenue.

Chula Vista, November 3. Field tournament, 6 P.M., Chula Vista High School.

Colton, October 24. Band review, 10 A.M., Rancho Avenue and Valley Boulevard. Field tournament, 6:30 P.M., Colton High School.

Escondido, October 10. Field tournament, 6 P.M., Escondido High School.

Hacienda Heights, November 10, 12, 14. Field tournament, 6:30 P.M., Los Altos High School.

La Habra, October 31. Field tournament, 10 A.M., La Habra High School.

La Mirada, November 21. Field tournament. Hours not set at press time; call (213) 868-0431 ext. 266 or 212.

Lancaster, December 5. Band review, 10 A.M., Lancaster Boulevard. Field tournament, 1 P.M., Antelope Valley High School.

Long Beach, November 28. All Western Band Review, noon, Ocean Boulevard. Largest, oldest band review in West. State championship baton competition held simultaneously at Long Beach Convention Center. Awards ceremony for both at convention center, 6 P.M.

Mission Viejo, November 14. Band review, 9 A.M., Marguerite Parkway. Field tournament, 1 P.M., Mission Viejo High School.

Montclair, November 14. Band review. Time and place not set at press time; call (714) 624-1280 for more information.

Pismo Beach, November 14. Band review, 9 A.M., Price Street.

Pomona, November 14. Field tournament, 4 P.M. and 8:30 P.M., Cal Poly Pomona.

Riverside, October 31. Band review, 10 A.M., Magnolia Avenue and Terracina Drive. Field tournament, 5 P.M., North High School.

Rowland Heights, October 17. Band review 9 A.M., S. Otterbein Avenue.

San Diego, October 3. Field tournament, 6 P.M., San Diego State University. October 31. Field tournament, 4 P.M., Mount Carmel High School.

Simi Valley, October 17. Field tournament, noon, Simi Valley High School.

Walnut, October 27. Field tournament, 7 P.M., Mount San Antonio College.

West Covina, October 17. Field tournament 8 A.M. to 11 P.M., West Covina High School.

Westminster, November 3. Field tournament, 6 P.M., Westminster High School.

COLORADO

Fort Morgan, October 7. Northeastern Regional Competition. Field tournament, 8 A.M., Fort Morgan High School.

Grand Junction, October 3. Tournament of Champions. Band review, 9:30 A.M., Main Street. Field tournament, 12:30 P.M., Stoecker Stadium, Lincoln Park.

Littleton, October 14. Denver Metropolitan Regional Competition, 6 P.M., Littleton District Stadium.

Pueblo, October 21. South Regional Competition, 5 P.M., District 60 stadium.

Thornton, October 31. State Championship, 7 P.M., School District 12 stadium.

IDAHO

Boise, October 3. Music Bowl II. Field tournament, 9 A.M., Boise State University. October 15. Idaho Third District High School Marching Band Festival, 5:30 P.M., Boise State University.

NEW MEXICO

Albuquerque, November 14. Zia Marching Band Fiesta, 7 P.M., University of New Mexico.

Gallup, October 14. Field tournament, 3 P.M., Gallup High School.

Las Cruces, October 17. Parade of Champions. Field tournament, 8 A.M., New Mexico State University.

OREGON

Eugene, October 24. Field tournament, 8 A.M., University of Oregon.

UTAH

Salt Lake City, October 14. Davis Cup Show and Marching Band Review, 7 P.M., University of Utah. October 21. Field tournament, 5 P.M., University of Utah.

Payson, October 14. Field tournament, 7 P.M., Payson High School.

Provo, October 6. Rocky Mountain Band Competition, 6:30 P.M., Brigham Young University.

WASHINGTON

Seattle, December 4. King Bowl Marching Band Competition, 6 P.M., King Dome.

WYOMING

Douglas, October 10. Wyoming State High School Marching Band Championship, 1 P.M., Douglas High School.

Laramie, October 17. University of Wyoming Band Day. Field competition, 7:30 A.M., War Memorial Stadium; parade competition, 10 A.M., Ivensen Street. □

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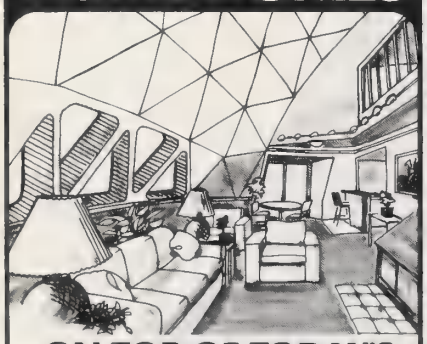

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Near Palace of Fine Arts, *surf casters try their luck at one of many Bayside recreation spots listed in new guides*

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October shows San Francisco Bay at best: summer fog and winds have abate the days are warm, and it's peak time f striped bass fishing.

Hundreds of public access sites alo more than 90 miles of public shorelin attract picnickers, anglers, and bir watchers. Many park districts publis good information on areas under the control, but until now there's been systematic guide to the whole Bay shor line. A series of four guides just pu lished by the Bay Conservation and D velopment Commission (BCDC) rem dies this shortcoming.

The first guide, *Bay Edges—West Ba* appeared in July, followed by the Ea Bay guide in August; North and Sout Bay versions were to be out by mid-Sep tember.

Full-page illustrated maps in each 16 page tabloid-style booklet make it eas for the reader to pinpoint a particula site; symbols indicate what you'll find— fishing, handicapped access, and so o Wherever possible, telephone number for public transit and other informatio are given.

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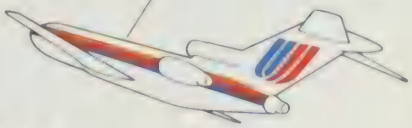

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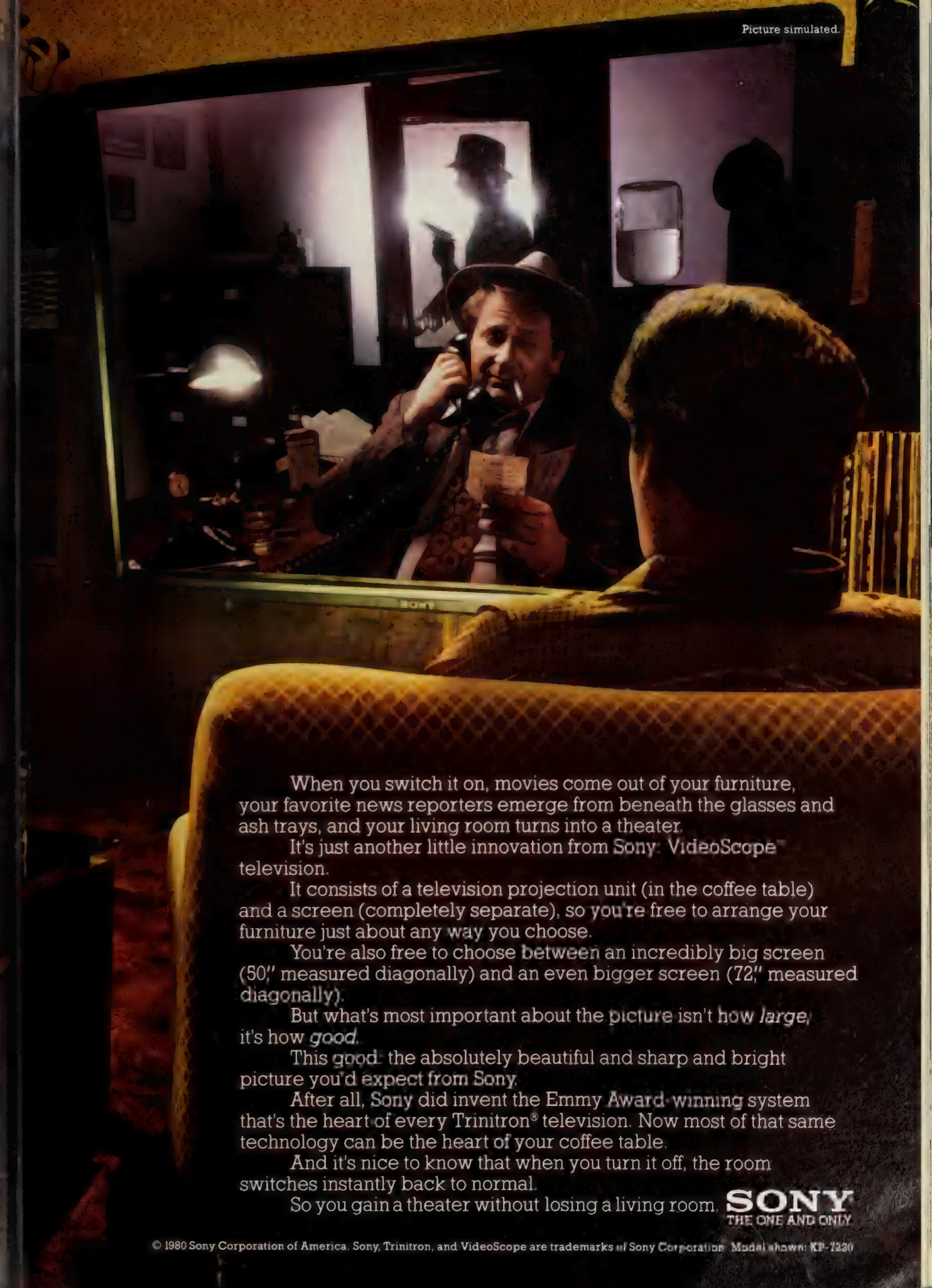

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GREGG MANC

Belted out *by Natural Gas Jazz Band, Frisco sound brings dancers to their feet at the Alvarado Inn in Ignac*

California's own jazz? Here's where to hear it

With song titles like "Flat Foot Floogie with a Floy Floy" and "San Andreas Shake," traditional jazz delivers a finger-tappin', knee-slappin' good time. More than a dozen fine jazz bands perform regularly from Marin to Monterey, and jazz clubs and festivals bring in an even wider range of talent.

California's unique jazz sound, called Frisco jazz, developed in the late '30s. Based on the musical style originated by black jazz artists during the '20s, this sound is an updated, louder version of New Orleans jazz. Both Frisco and New Orleans are built around the group effort of the ensemble.

If you prefer a flamboyant solo now and then instead of the steady group sound, several bands play Dixieland-style jazz. These performances generally begin with an ensemble sound followed by a few solos. (In the early days of big bands, a small nucleus of the most proficient musicians showed off their individual talents while the other band members rested; Dixieland traces its roots to these bravura performances.)

All styles of jazz can be heard at the monthly sessions of northern California jazz clubs. These gatherings feature a guest band and provide an opportunity for musicians from all over to jam together.

Telephone the jazz club in your area for more information: San Joaquin Dixieland Jazz Society, (209) 462-7844; Monterey Bay Hot Jazz Society, (408) 449-8026; New Sacramento Traditional Jazz Society, (916) 334-7277; New Orleans Jazz Club of Northern California, (415) 398-NOJC; South Bay Traditional Ja Society, (408) 247-9821; Central Co Hot Jazz Society, (805) 466-5373; Hi Sierra Jazz Club, (209) 561-4366.

Jazz festivals occur several times ea year. This month's big event—the Fif First Annual Dixieland Jubilee by t Sea—takes place October 23, 24, and at Pismo Beach. Sponsored by the Ce tral Coast Hot Jazz Society, this festiv is expected to attract more than 2,0 people, who will hear music from bands. Space is limited, so you shou plan early: call the Pismo Beach Char ber of Commerce at (805) 773-4382.

Here is a sampling of regular jazz event listed more or less north to south:

Ignacio. The Natural Gas Jazz Band has grown into an accomplished, Frisco-style group. It plays from 5 to 9 P.M the second Sunday of every month at the Alvarado Inn, 6045 Redwood Highway; (415) 883-5952.

San Rafael. Leaning toward the Frisco sound, the Jubilee Jazz Band plays from 4 to 7 P.M. the first Sunday of every month at the San Rafael Improvement Club, Fifth and H streets; (415) 459-9955.

San Rafael. The Marin Jazz Quartet, a group of British expatriates who belt out good Dixieland, plays from 9 to midnight Mondays at the Mayflower Inn, 1533 Fourth Street; (415) 456-1011.

Point Richmond. The Golden Age Jazz Band, featuring Dixieland solos, plays from 9:30 P.M. to 1 A.M. Fridays and Saturdays at The Point, 32 Washington Street; (415) 233-4295.

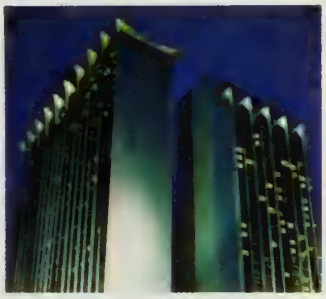
San Francisco. Turk Murphy, the preeminent exponent of Frisco jazz, has been performing in San Francisco since the 1940s. Turk Murphy Jazz Band appears from 9 P.M. to 2 A.M. Tuesday through Saturday at Earthquake McGoon's, 128 The Embarcadero; (415) 986-1433. The Royal Society Jazz Orchestra plays for tea-dancing from 2 to 6 P.M. Sundays.

Oakland. San Francisco Swing Express takes its name from the big band era of flashy solos and lots of dancing. It plays Fridays from 4 to 8 P.M. at the Hyatt

Magnolia Jazz Trio *provides soft New Orleans sound for brunch in Mountain View*

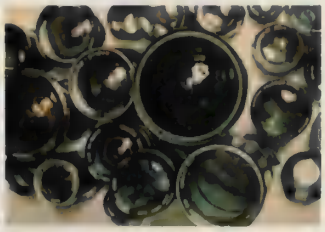
While most countries have a man in the moon, Singapore has a woman.

Many hundreds of years ago, as a result of a misunderstanding between lovers, a woman was transported to the moon. Now, during the Moon Cake Festival, lanterns are lit and moon cakes are served in sympathy for the lonely lady in the moon



Hotels in Singapore delight in surprising you with the unusual. For example, a swimming pool on the 20th floor to give you a panoramic view of the city while you sunbathe, or a mini-golf course next to the coffee house so you can tee-off before breakfast

In Singapore, all the culinary arts of the East are displayed. From the incredible variety of Chinese cooking styles, to the richly-spiced dishes of the Malays, Nonyas and Indonesians you'll find every meal is a delicious adventure



The great names in camera equipment wait to be snapped up at duty free prices in Singapore. And you can often bargain the price down further, with the storekeeper providing a complimentary glass of beer during the process

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S-10/81

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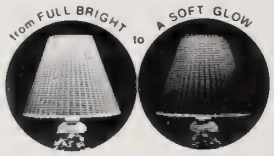

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Palo Alto. Professor Plum Jazz Band plays New Orleans jazz from 5 to 8 P.M. Sundays at the Iron Works Restaurant, 3877 El Camino Real; (415) 493-3433.

Mountain View. A trio from the Magnolia Jazz Band presents a New Orleans jazz brunch from 11 A.M. Saturday and Sunday at Bourbon Street Restaurant, 2540 California Street; (415) 941-4433.

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San Jose. Emperor Norton, whose Dixieland sound has been heard in the Bay Area since the 1950s, leads Emperor Norton's Jazz Band from 7 to 11 P.M. Fridays at the Old Saloon, 23 Market Street; (408) 293-2202.

Los Gatos. Gem City Jazz Band, led by trombonist Fess Blattner, plays Dixieland the second and fourth Sunday of every month from 4 to 7 P.M. at Los Gatos Lodge, 50 Saratoga Avenue; (408) 354-3300.

Miramar. Golden State Jazz Band plays from 8:30 P.M. to 12:30 A.M. one Sunday each month at Miramar Beach Inn, just north of Half Moon Bay at Magellan Avenue and Mirada Road; (415) 726-9053.

Santa Cruz. The Dream Inn offers Frisco-style jazz by the Monterey Bay Classic Jazz Band and Dixieland by Apex Jazz Band. The former plays the first, third, and fifth Sundays of every month from 3 to 6 P.M. Apex fills in the second and fourth Sundays from 3 to 6 P.M. The Dream Inn is at 175 W. Cliff Drive; (408) 426-4330.

Carmel. Trumpeter Joe Ingram leads a Dixieland quintet that includes his piano-playing wife. They take the stage Wednesdays and Thursdays from 9 P.M. to 1 A.M. at the Mission Ranch, 26270 Dolores Street; (408) 624-3824.

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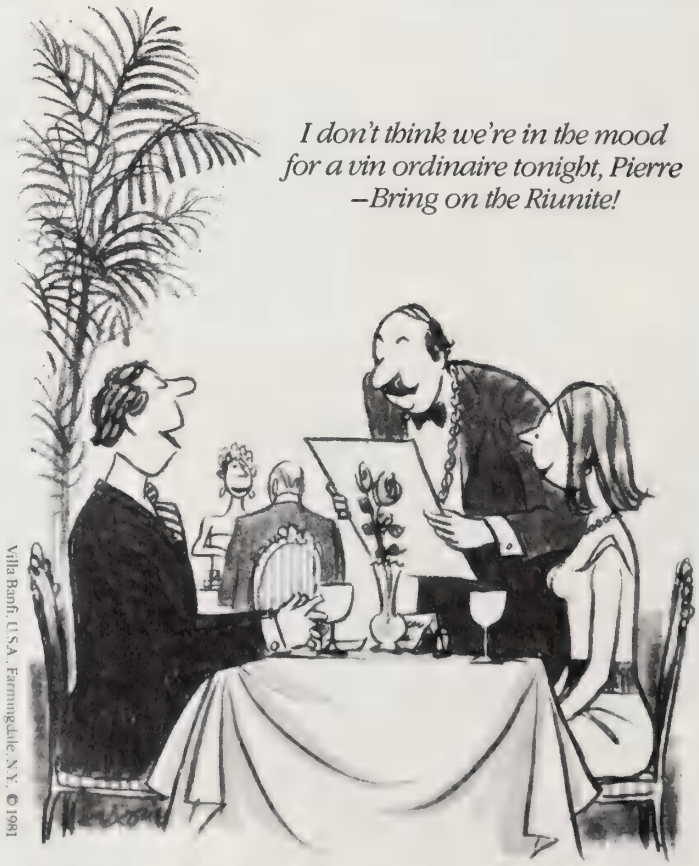

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GERALD L. FREN

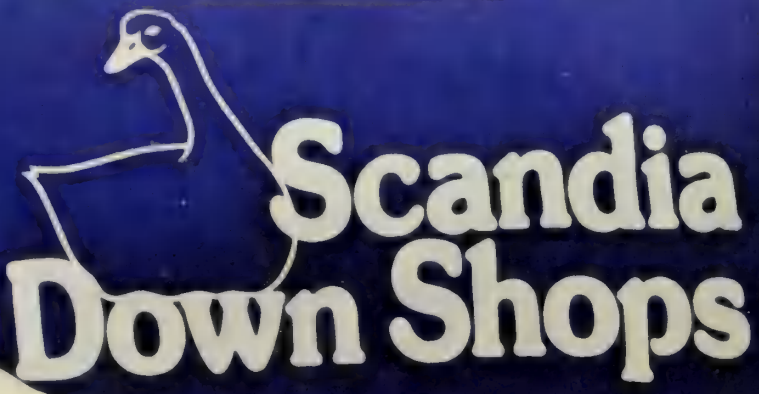
Astronaut suit *appears to defy gravity as it dangles from space museum ceiling. Milky Way spans galactic exhibit below*

Space-watching in Hong Kong

Man's fascination with the heaver knows no cultural bounds. Hong Kong—the Crown Colony—is no exceptio Now, visiting sky-watchers can g starry-eyed at the Hong Kong Spac Museum.

In the museum's exhibition hall, b lingual (Cantonese and English) audic visual displays trace man's quest for ce lestial understanding from prehistori times through the development of mod ern rockets and space exploration. On display honors the contribution of Chi nese cosmology in charting the stars an naming constellations. In the museum space theater, interpretive "skyshows depict the nature of the planets and stars.

The Hong Kong Space Museum is at 1 Salisbury Road—a short stroll from th Kowloon Star Ferry pier. It's open dail from 8:30 A.M., except Tuesday morn ings, with English commentary in th theater at 10 A.M. and 10 P.M. Admis sion to the exhibition hall is 60 cent U.S.; to the theater, $2.



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CHAD SLATTER

Three giant arches *frame grand auto entry to 1923 AAA headquarters in L.A. Below, a free drink at Tiny Naylor's 1946 drive-in is part of October 25 tour*

L.A. honors the car, October 25

Drive-in, drive-up, drive-through—these terms entered our lexicon as the automobile entered our lives. On Sunday, October 25, the Los Angeles Conservancy celebrates L.A.'s auto awareness with a new map-guide and a day of touring to structures that evolved with cars.

Between 10 and 2, you can pick up a combined map-guide and admissions packet ($7.50 per person or $15 per car) at the Automobile Club of Southern California (2601 S. Figueroa Street at Adams Boulevard). Specially arranged tour stops include Foster & Kleiser's billboard painting plant, a neon sign maker, and the Bullock's Wilshire store, where costumed car-club members will show off spit-and-polished autos.

On the same day, the conservancy will also offer 2-hour, reserved-seat, double-deck bus tours, leaving hourly. Cost is $10 per person (group rate available). To reserve or to order the map-guide ($5), write to the L.A. Conservancy at 849 S. Broadway, #1225, Los Angeles 90014; or call (213) 623-2489. □

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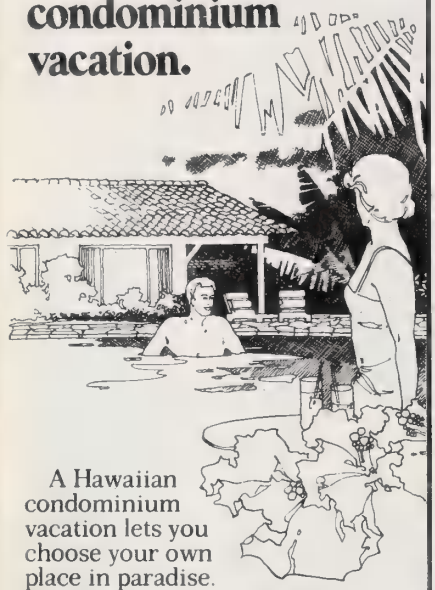

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MICHAEL THOMPSON

Winding down from rim, *Cow Creek Canyon Road passes out of dense stand of conifers into terrain with shrubby plant cover*

50 unhurried miles in southwest Oregon

As Cow Creek makes its way through southwestern Oregon, it flows past rolling terrain, then cuts through the rock of the Siskiyou Mountains to form a handsome canyon. Following the stream, Cow Creek Canyon Road winds for 50 unhurried miles past a variety of farmland, forest, rock formations, and small hamlets—sights freeway travelers miss. Exits off Interstate 5 provide access to each end of this looping route.

Southbound on I-5, take exit 103 (about 20 miles south of Roseburg), and follow the road west to the town of Riddle. This village dates to the mid-19th century. Walk its streets and you'll see some fine examples of carpenter Gothic architecture. The cemetery is full of headstones dating from the 1860s; some chronicle the town's founding family (the Riddles).

Head southwest on Cow Creek Canyon Road: it begins to climb through rolling farmland dotted with houses and barns—some weathered, others bright with new paint. Shingle roofs on many of the buildings bear witness to the largest regional industry, lumbering. If the day is not too chilly, as you drive along a stretch of whitewater, you might watc for an inviting spot to picnic. Angler stand a good chance of pulling in a rain bow or native cutthroat trout; fishin season closes October 30, reopens i late April.

Soon the road climbs, leaving the cree below, and wide canyon views change a it meanders on. Native plant buffs wi enjoy the mix of trees and shrubs: red barked madrona and manzanita, Doug las fir, incense cedar, and Jeffrey pine—uncommon neighbors as nature make the transition between the Northwest an northern California. Low in the canyon you'll find fragrant Oregon myrtle; up i the drier spots, live oaks and—for rea plantsmen—native garrya, with its sil very leaves and pendulous catkins.

As you drop back down again into farm country, heading toward Glendale, you may spot elk. Marked crossings on the road indicate places where you're likely to sight a herd.

In Glendale, slow down as you pass the post office to look at the mural of the hard-hatted lumberjack at work with a chain saw. □

Banff/Jasper... in Alberta's Canadian Rockies

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PETER O. WHITELEY

A coed early-bird class *on the rooftop of Los Angeles' Westside Family YMCA begins at 6:30* A.M. *Here participants maintain the tempo with a "scissors-step" exercise*

"The puppy kick" *is the nickname for this exercise that stretches the thighs and hamstrings. Padded mat makes the gym floor more comfortable*

Exuberance *lights up her face during Jazzercise routine. Colorful leotards and tights are common outfits for women, shorts and T-shirts for men*

"Your body is an instrument and everybody plays a different way." That's exercise-to-music

The beat of music is changing exercise classes from grimly earnest workouts into sheer fun. Now gyms are filled with clapping, shouting, exhilarated men and women working hard, moving with the music, and thoroughly enjoying it.

Aerobic exercise to music is a recent arrival on the fitness scene, but its carefully thought-out routines have gained legions of enthusiastic followers. Its roots are in dance, not sport, and it is participation, not competition, that counts.

Throughout the West this fall, recreation departments, Y's, schools, health clubs, and a growing number of private groups will offer these programs. Classes are timed for accessibility—some start as early at 6:30 A.M. or as late as 8 P.M. Most people attend at least two a week. (Classes cost about $2 per session.)

Although classes go by different name their goals and rituals are similar. The are total body-conditioning progran emphasizing stamina, balance, musc tone, flexibility, and cardiovascular fi ness. All revolve around music, and th sounds of big bands, country, roc disco, rhythm and blues, and oldies fi the gyms. Some programs have routin choreographed for certain songs, oth classes merely use the music for its moo and beat.

The 50-minute sessions start with slo stretching exercise. Then the tempo pick up to stress the cardiovascular syste (heart, arteries, lungs). The idea is t sustain a "working heart rate"—a com plicated formula of heart beats per mi ute based on your age, weight, and res ing heart rate—for about 20 minute The movement is fast, with plenty o

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PETER O. WHITELEY

"Mainly for Men" *is a special class at San Diego's Aerobic Dancing center. Full-tilt running and vigorous exercises keynote their choreographed routines*

Taking your pulse *is how you monitor your cardiovascular fitness after a fast workout*

twisting, reaching, and stretching exercises designed to work all areas of the body. Finally, things slow down with a cooling-off period.

Of course, it takes time to work into condition, but these exercise programs don't pressure newcomers. "Your body is an instrument, and everybody plays a different way," says Judi Sheppard Missett, founder of Jazzercise. Her advice: go at your own pace and don't overdo. Still, it's a good idea to check with your doctor before joining.

To find a class near you, call a local Y, check adult education programs, or look in the yellow pages under Health Clubs or Physical Fitness. Two private organizations offer programs in every Western state: for details, write to Aerobic Dancing (18907 Nordhoff St., Box 6600, Northridge, Calif. 91328) or Jazzercise (2808 Roosevelt St., Carlsbad, Calif. 92008). □

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In times long ago, the ancient Hawaiians indulged themselves in a four-month long festival called Makahiki. It was a time to forget the rigors of everyday life and pursue sports and renewal of the spirit.

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For further information regarding Mauna Lani Resort please write Mauna Lani Resort, Inc., Pacific Trade Center, Suite 1850, 190 South King Street, Honolulu, Hawaii 96813.

Draped with strands of kelp *to keep from drifting, rafting otter holds forepaws on its chest to help regulate body heat. Picture was taken with a long telephoto lens*

Clowns of the kelp... California sea otters have made a comeback

Where to see them on the Monterey Peninsula

Munching morsels *of just-caught crab, bewhiskered forager uses its chest as a dinner table*

Captivating yet controversial, California sea otters frolic along a 200-mile stretch of coastline from Santa Cruz south to Pismo Beach. In rocky coves and kelp forests near shore, they bob over waves on their backs (looking like a "convention of bishops in a mud bath," as naturalist Gerald Durrell commented), groom their thick, lustrous fur, crack open crabs against rocks balanced on their chests, or scull backwards with their pups aboard.

Their teddy-bear looks and lively aquatics (rolling and somersaulting) make them show stealers among the seals and shorebirds.

Beguiling though they may be, these "clowns of the kelp" are swimming in the heart of controversy. This year, mounting pressure for offshore oil drilling launched new suits led by the state and environmentalists who fear the damaging effects of oil spills near the otters' range could again threaten the animals' existence. Oil, they argue, would foul the otters' thick fur—their only protection against chilly Pacific water—and could ruin their food supply (shellfish) and habitat (kelp beds).

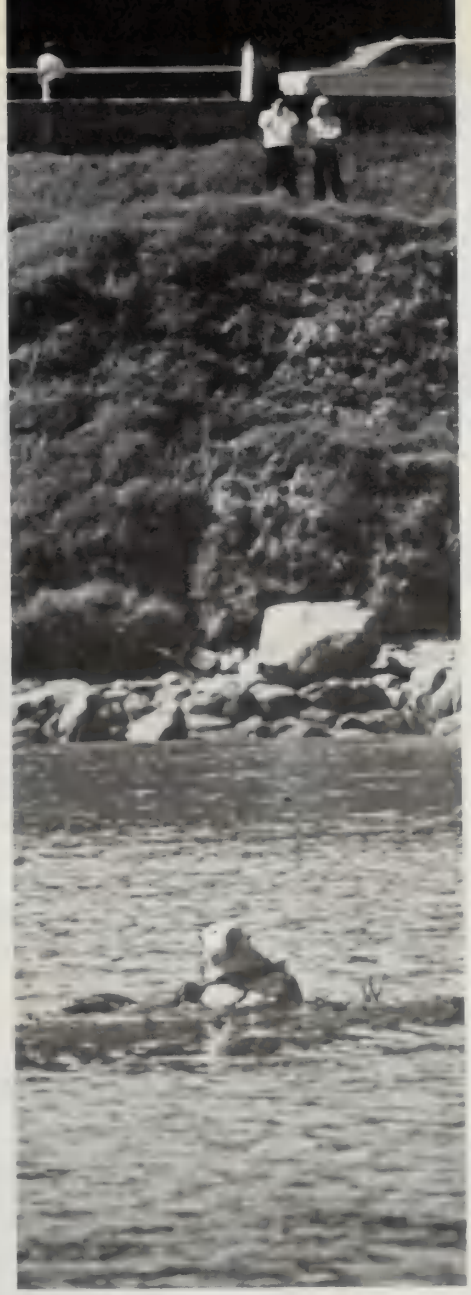
In July, a court injunction temporarily halted the Interior Department's proposed leasing of basins near the otter range for oil exploration.

Great noshers, otters consume 25 percent of their body weight every day, and have a particular fondness for abalone, rock crabs, and sea urchins. Their feeding habits have incurred the wrath of

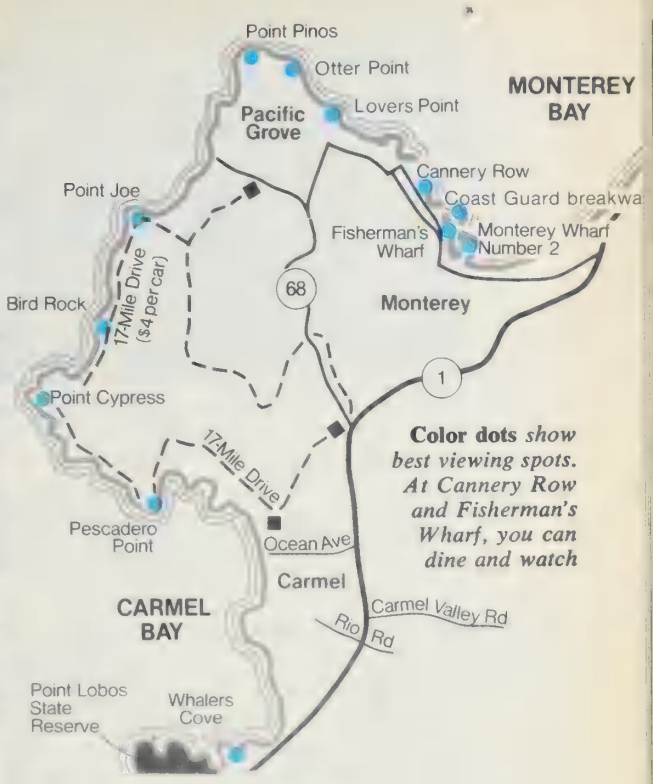
From Fisherman's Wharf *in Monterey, she*

JERRY FREDRICK

Flippers *protruding from watery bed, otter yawns after brief noon nap*



Wriggling in kelp, *grooming otter is within binocular view of watchers on cliff near Coast Guard breakwater*



Color dots *show best viewing spots. At Cannery Row and Fisherman's Wharf, you can dine and watch*

wing lone otter's maneuvers in marina

commercial and some recreational shellfishermen, who argue that the furry foragers are depleting their harvest and should be restricted in their range.

Once numbering in the hundreds of thousands and ranging in an almost continuous band along the West Coast from Baja California to Alaska and across the Bering Sea to Japan, otters were driven to near extinction by fur hunters before the turn of the century. The Fur Seal Treaty of 1911 and subsequent laws afforded protection to the few remaining.

For now, only an estimated 1,800 otters —listed as threatened under the 1977 Endangered Species Act—romp relatively unhindered offshore.

This month, crisp clear days can make for particularly pleasurable otter viewing, especially when combined with a hike or picnic at the beach. One of the best places to view them is off the Monterey Peninsula, where rocky outcrops and piers jutting into deeper water get you close enough for good viewing—but bring binoculars. The map locates places where you're most likely to see them.

You may wish to stop at Friends of the Sea Otter Center in the Barnyard Shopping Center just east of State Highway 1 on Carmel Valley Road. The center has booklets and information about otters; it's open daily 11 to 3; (408) 625-3290.

Several times on weekends, boat tours leave Fisherman's Wharf in Monterey for a possible look at otters and sea lions outside the harbor; call Monterey Fishing Trips (408/372-3501) or Frank's (408/372-2203) for details.

Lectures combined with naturalist-led field trips to see otters and other marine life are offered by UC Extension Services (Berkeley and Santa Cruz) on certain weekends in January and February —otter pupping season. For dates and cost, call the extension services at UC Santa Cruz (408/429-2761) or UC Berkeley (415/642-4111).

For further reading about otters, *The California Sea Otter, Saved or Doomed?*, by John Woolfenden (Boxwood Press, Box 444, Pacific Grove, Calif. 93950, 1979; $5.95) gives an overview of the otter's past, its habits, and the controversies surrounding it.

For a free leaflet on the sea otter, write to California Department of Fish and Game, Conservation Education Division, 1416 Ninth St., Sacramento 95814. □

THOMAS HOLDIMAN
Poles *give balance as waders explore Heron's tidal shallows*

Both *Townsville and Sydney have direct flights from the U.S.*

Coral island exploring north of Sydney

Heron Island is an exquisite coral cay near the southern end of Australia's 1,260-mile-long Great Barrier Reef. A stay of several days at this national park, which is also a marine research station, can give you a deep appreciation of life in this colorful ecological niche.

Located 800 miles north of Sydney, Heron Island is the nearest reef experience for Sydney-bound travelers. From the town of Gladstone, it's a ½-hour helicopter ride over azure waters, coral formations, perhaps a school of cavorting dolphins. Accommodations are motel-style rooms with baths or cabins with shared facilities; excellent meals are served in the communal dining room and bar. But you'll spend most of your time outdoors exploring the island and surrounding reef.

The island itself. Orient yourself with a walk around the 42-acre island; you can do it in 20 minutes but you'll probably wander for a couple of hours. Take the guided nature tour, which includes the marine research station. After this introduction, you'll want to return to favorite spots to see that special noddy tern sitting on her nest in the pisonia tree, or to watch the shy gray or white herons nesting out of reach in the pandanus palms or feeding close to shore.

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THOMAS HOLDIMAN

Encircled *by coral, the island has channel blasted to allow boat passage*

here and there shaded by casuarina trees. From late October through March, sea turtles struggle ashore at night to lay their eggs, and noisy muttonbirds arrive to nest in the sand. Banded land rails scurry under the trees and silvereyes flit about. You'll be closer to more birds than you've ever imagined possible.

The reef. The special magic of Heron Island is its coral gardens and their undersea populations. Begin with a ride in a glass-bottomed boat ($4); you'll be introduced to the leaf, plate, and staghorn corals and colorful fish such as the harlequin tusk, zebra, damsel, sergeant major, and butterfly. Spangled red emperors and batfish grab tidbits of bread from your hand. Hawksbill turtles, sea anemones, moray eels, and sea cucumbers are all part of the scene.

At low tide you can go reef walking (wear rubber-soled shoes and carry a stout pole) or join a tour on the now-exposed corals.

Scuba divers and snorkelers can join half- or full-day excursions ($5 to $18) with others of similar ability to examine the staggering color and life of the reef. There are over 20 scuba areas off Heron, with dives to 60 feet. The "Bommie," suitable for beginners, offers some of the best diving in Australia.

Half- and full-day fishing expeditions ($11 to $23) take you to the red emperors, sweetlips, and coral trout. Back at the hotel, the chef will prepare your catch for dinner for you.

If you are not exhausted from your active day, there is tennis, a swimming pool, and in evenings dancing, ping-pong, and nature movies.

You can rent all snorkeling, fishing, and scuba gear (bring logbook and certificate). Helicopter transport limits the amount and weight of baggage.

Room and board on Heron is about $70 a day. Air and helicopter fare from Sydney to Gladstone to Heron and return is about $400 extra if you book when purchasing your ticket to Australia.

For details on Heron and other Queensland resort islands, write to the Australian Tourist Commission, 3550 Wilshire Blvd., Los Angeles 90010. □

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Top: Tahoe, by Gerald French. 9′ × 14′
Bottom: Beachcomber, by Michael DeCamp. 9′ × 14′

Undiscovered artistry of San Francisco's street lights

DAVID STUBBS

Phoenix-like, the civic spirit of San Francisco rose from the ashes of the great earthquake and fire of 1906. Part of the resurgence was an ambitious street lighting plan downtown. It called for beautiful but practical lamps and standards. As testimony to the plan's success, many of the original fixtures still brighten city streets today.

The examples pictured here stand within five blocks of Union Square. When you visit this major downtown shopping district, you might look up momentarily and drift back to a proud and elegant period of San Francisco history.

Modeled after an advanced system introduced at the 1915 Panama-Pacific International Exposition, the then-new fixtures featured high-current arc lamps and globes designed for better diffusion of light. The result: 15 times more illumination at only 3 times the energy consumption.

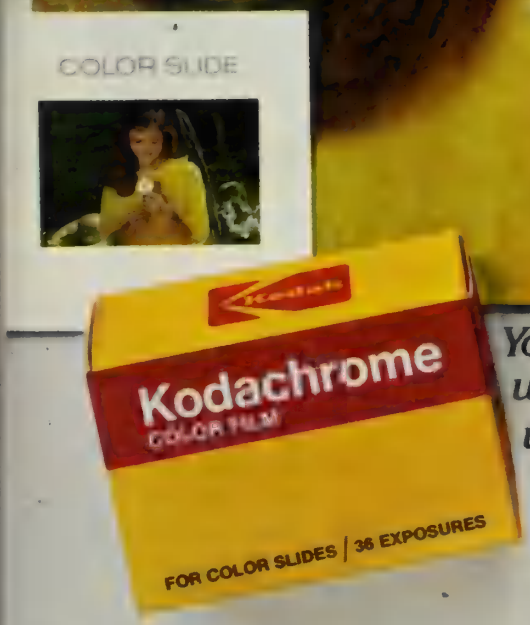
The focal point of the new plan was Market Street—dubbed the Path of Gold because of its appearance by day. Lining the street were 137 poles, each topped by three oval-shaped gold globes. At night, the globes shone a warm white. The middle lamp burned all night, while

1 · *Up close on ornamental bases of standards along Market Street (left), you see scenes of pioneers moving West. When erected in 1908, each pole held a single lamp. In 1917, Willis Polk required modification for three lamps—for greater illumination along Market's wide "Path of Gold"*

Union Square *shopping district boasts early street lights in five-block area*

2 · *Shining spheres atop Renaissance-style columns (designed around 1910) stretch up Powell Street in front of the St. Francis Hotel*

GREGG MANCUSO



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GREGG MANCUSO

3 . *Taken opposite St. Francis Hotel, 1928 picture (left) shows two-lamp fixtures designed by Willis Polk in 1917. Close view of sculpture by Arthur Putnam and Leo Lentelli (right) reveals acanthus similar to Market Street design*

4 . *Single-lamp lights in Union Square were designed for park setting; under city's original plan, flood of illumination here was not thought necessary*

DAVID STUBBS

5 . *Double-lamp lights, considered sufficient for business district, went up along Post Street near Mason around 1920*

the two side lamps were extinguished at midnight.

In 65 years, the method of illumination has changed several times; many standards now hold mercury-vapor lamps. And along Market Street, you will see examples of the latest in energy-saving street lighting: high-pressure sodium lamps that emit an orange-yellow hue; these produce twice the light of mercury vapor at half the energy use.

But the impression created still recalls what the system's designer, Walter D'Arcy Ryan, wrote years ago: "A slight suggestion of the carnival is produced by the tone of the glassware, the grouping of the lamps, and the artistic treatment of the standards." □

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American Institute of Architects - Sunset Magazine

Western Home Awards 1981-1982

Sunset THE MAGAZINE OF WESTERN LIVING OCTOBER 1981

Steel-roofed round house *spreads across the Arizona desert, lying low against a dramatic mountain backdrop. Popped-up study shades entry. For interior views, see page 79*

Shade-making veranda *wraps around this traditional-looking farmhouse in California's hot Central Valley. The surprise inside: a shaded courtyard. Turn the page for plan, more views*

GLENN CHRISTIANSEN

The other side *of our see-through cover house edges a cliff above Puget Sound. See next page*

The 1980s promise to be a challenging era for architecture. As this year's 18 AIA-*Sunset* Western Home Awards winners demonstrate, long-held doctrines of building design are giving way to a multitude of new directions.

Some changes in the look of the new architecture are dictated by the realities of high building costs and high heating and cooling costs. Many of this year's winners address these realities with dollar-conscious design, making use of less expensive materials and limiting the size of the house. For several of the winners, energy use was the strongest single factor in shaping the design.

But along with these pragmatic considerations, our jurors also weighed heavily the qualities that make each building look

right and "feel" right.

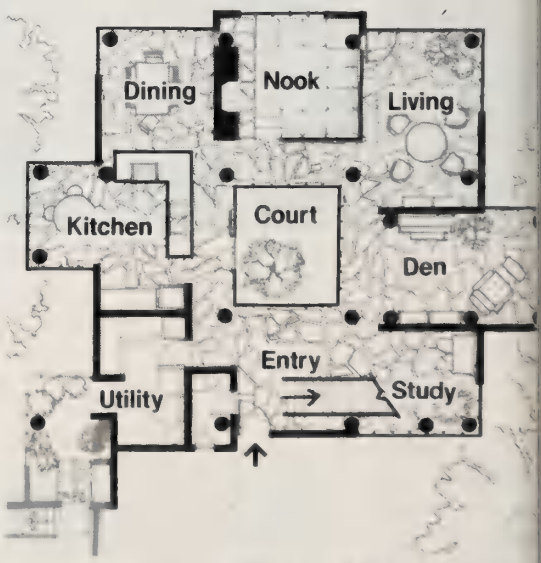
There are many labels for the new directions architecture is taking: post modernism, historicism, functionalism, revivalism, regionalism, contextualism, or just new wave. As the "isms" imply, the concepts are varied, so it follows that the buildings should look different. A well-designed house may be practical or playful, ultramodern or traditional—its form doesn't always follow function. Ornamentation, color, and historic reference played important roles in many of the 354 entries we received.

As unsettling as this departure from old rules may be, it represents a healthy freedom of choice for the designer and the home-buying public.

Keeping all that in mind, our jury singled out for commendation the houses you see on these 16 pages. □

GLENN CHRISTIANSEN

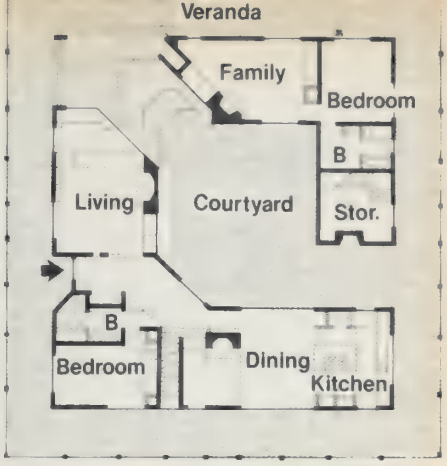
Stepped-up *living room floor meets sloping roof line to create a cozy corner. This closed-down space opens onto a cavernous 30-foot-high central courtyard*



Regular rhythm *of poles creates eight basic rooms around the daylit garden court. Level changes, the fireplace, the kitchen counter, and a few screen walls give variety to the grid*

Tall timbers *weave their support above the beach stone fireplace. Beyond the fire nook, the house opens to a glassed garden court*

ROB SUPER



First floor

able and veranda roofs *extend over 6,000 square feet; the finished interior space is only about about half as large*

"Classic farmhouse" with courtyard inside

AWARD OF MERIT
MLTW/Turnbull Associates
San Francisco

his large gabled building with its wrap-round shed-roofed veranda has what everal jurors referred to as a "classic armhouse look." Added another juror, The proportions are beautiful!"

Within the traditional form, a gouged-ut courtyard divides the house into two eparate L-shaped dwellings under the nifying roof. On one side is the main ving area, with a large open kitchen, ining room, living room, guest room, and second-story master suite for Bill and Jean Allewelt. Across the partially covered courtyard, their three children have separate bedrooms opening onto a family room.

The roof over the shady courtyard rises over 30 feet high, its supports, rafters, and selectively placed 1-by-4 stripping boards creating an intricate overhead sculpture. Those patterns are repeated and reshaped as shadows on the courtyard walls and brick floor. Openings at the southeast and northwest ends catch cooling breezes and funnel them through the house. For more on the courtyard, see page 123 of the July 1981 *Sunset*.

White walls with light blue ceilings in almost all rooms lend a coolness to the interior. Four heat-efficient fireplaces help warm the house. Their exaggerated chimneys add interest to the roof line and give the house a solid quality. ■

Tall-timbered Northwest house also has a garden court

AWARD OF MERIT
Arne Bystrom
Seattle

Elegant," "beautiful," "church-like": hese were some of the adjectives the ury used for this wood-and-glass house n Whidbey Island. Its sturdy post-and-eam and cross-braced construction ives the house a stiffness permitting arge walls of glass.

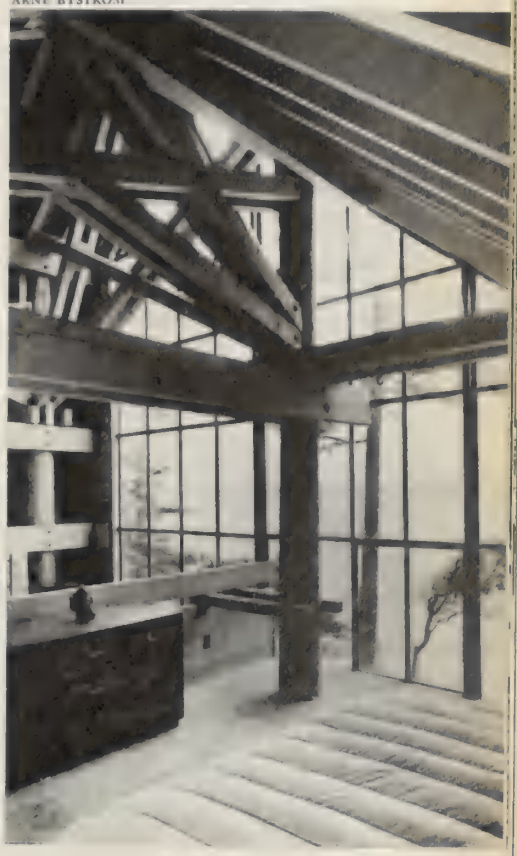
A true custom house, the wide-open hree-bedroom, 2,000-square-foot build-ng is an artful answer to owner Peggy Moore's dreams and needs. Her loft-style bedroom opens onto a 30-foot-high iving area, taking maximum advantage of spectacular views of Puget Sound and he Olympic Mountains beyond. Also upstairs is a second small bedroom, and guest quarters top a two-car garage.

On the main floor, a series of loosely defined "rooms" wrap around an intimate glass-walled garden court. The 11- by 11-foot court is meant to be viewed from inside. It allows the forest to continue through the house and also acts as a light well, bringing daylight into almost every room.

The house suits its site on Whidbey Island. High double-glazed end walls open up to the view and surrounding tall trees. The building's basic shape and texture echo the look of barns on nearby farms.

Inside, the exposed framing conjures up an image of old timbered railroad trestles, which seems appropriate for this Northwest woods and water location. ■

ARNE BYSTROM



Wall of glass *starts on first story, rising to share Puget Sound view with bedroom loft. Scissor braces are visible from both floors*

The jury: varied backgrounds, tastes... *demanding*

Susan Bragstad
Architect

Angela Danadjieva
Architect

Frank Gehry
Architect, jury chairman

Wendell Lovett
Architect

Esther McCoy
Architectural historian

Rick Morrall
Sunset Magazine

Stanley Tigerman
Architect

One member of this year's jury politely referred to his cohorts as a "well-variegated group."

We had hoped to select a jury with a variety of tastes and backgrounds befitting what we knew would be a very diverse group of entries. And we were successful—so much so, it was rare when all jurors agreed on any one point.

The anticipated result: fewer awards given than in any of the previous 12 rounds of the Western Home Awards. The houses that survived did so because their merits transcended individual taste.

The final tally was two Honor Awards "for work worthy of study by the profession"; four Awards of Merit for "outstanding examples of today's architecture," and nine Citations for "well-above-average work."

In addition, the jury made three special awards citing specific achievements.

Along with the five architects and two architectural writers pictured above, energy consultant Dr. Donald W. Aitken was on hand to critique those entries making energy claims.

High in Taos, curvy walls and corner fireplaces

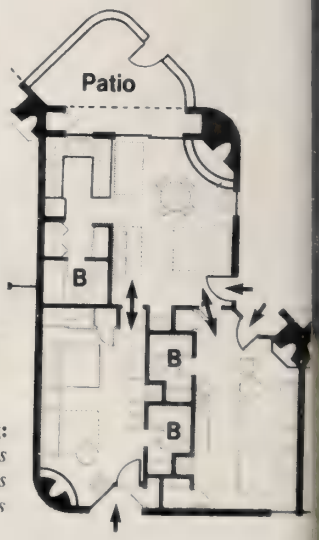
CITATION
Antoine Predock
Albuquerque

The long northeast to northwest axis of this patio townhouse complex at The Tennis Ranch of Taos, New Mexico, is intended to protect adjacent tennis courts from prevailing winds.

Boldly rounded exterior corners accentuate the corner fireplaces found in every unit. The large-radius curves give the stucco buildings a sense of weight found in the adobe buildings of the region. ■

DON NORMARK

Tennis ranch *compound spreads to block winds*



Flexible floor-planning: *entries, baths, and kitchenettes enable two-bedroom units to become three separate studios*

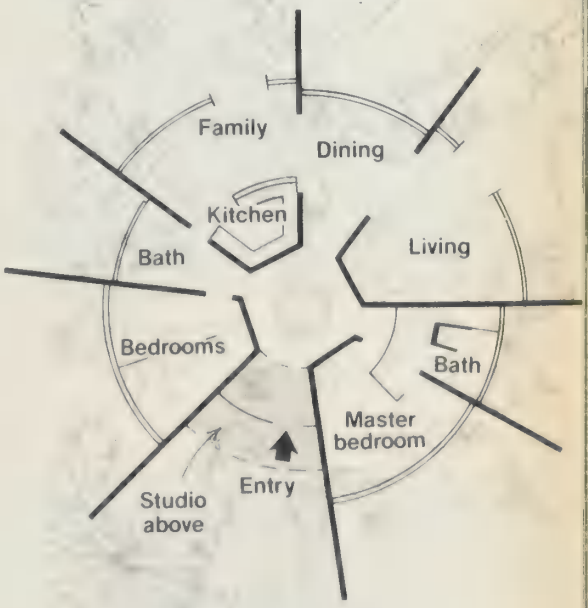
Patio walls *echo curved chimneys; laminated beams bridge entries*

Adobe-style corner fireplace *is focus of each living room*

GLENN CHRISTIANSEN

Exposed trusses *over kitchen reveal heating and cooling ducts and lighting system*

Watering-tank pond *set under a round skylight marks the circulation hub of the house: all the wedge-shaped rooms radiate from this point*



It's round. Materials are common: concrete blocks, sheet metal, plywood

CITATION
William P. Bruder
New River, Arizona

his round house in the desert near Cave reek, Arizona, uses common materials a fresh and spirited way. (See large hotograph on page 79.) It has a conrete slab foundation, concrete-block or ough-sawn fir plywood walls, and a roof lad with sun-reflecting galvanized sheet etal. Owners Nan and Ridge Ross are orking on the final touches, but so far ey have $65,000 and a lot of hours vested in the 2,400-square-foot house.

ruder designed the house to be built by s carpenter-owner on weekends and venings. After the foundation was poured, the slab was used as an assembly platform for the roof trusses.

Once the concrete-block perimeter and partition walls were erected, the trusses were hoisted into place, sheathed with plywood, insulated with rigid foam, and finally clad with sheet metal. Inside, the trusses were left exposed, terminating in clerestory windows near the hub of the house. The center of the roof (which will eventually be a deck) and the four flat areas between the sloping truss sections have more conventional 2-by-12 ceiling joists, heavily insulated with fiberglass and roofed with built-up asphalt over plywood. Inside, these sections have a gypsum board ceiling.

In the center of the house, a 5-foot-diameter insulated skylight sits above a fish and water-plant tank made from a livestock watering trough. The water detail helps make the house seem cooler. A combination evaporative cooler and air conditioner cycles on during the hottest summer days. Six-foot roof overhangs and earth berms pushed halfway up against most of the exterior walls also moderate the desert heat. ■

"Vine-like" *spiral staircase climbs to roof deck above living room*

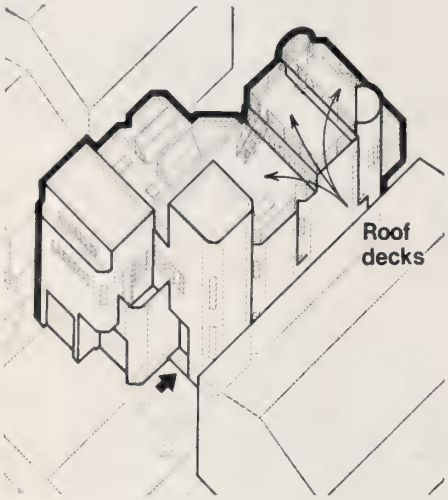
DAVID STUBBS

Squeezing in new hous

1 · Stucco newcomer reaches for ocean view

CITATION Greg Spiess, James Sable, Dan Benjamin, Acmestudio, Los Angeles

Exposed studs *support headerless window openings behind and above sofa*



Slipped onto *45- by 100-foot lot, 2,100-square-foot house also uses its roof for outdoor rooms*

A complex composition of stack stucco boxes topped with steel-rail decks makes up this house-sculpture. pops up in Dana Point, California, a relates to an ocean view the neighbori houses don't seem to notice.

Large-paned jalousie windows let oce breezes cool the house, but the fix windows are another step beyond t norm. Their openings have no suppo headers like those over conventior windows—instead, wall studs pass insi the glazed areas. This window system r veals the wall structure in an interesti way and allowed on-site final positioni for optimum views.

The house reveals other not-so-conve tional attitudes. Floors are gloss-finish particle board, and exposed ducting a wiring reflect the architects' attempts honestly expressed components.

ROB SUPER

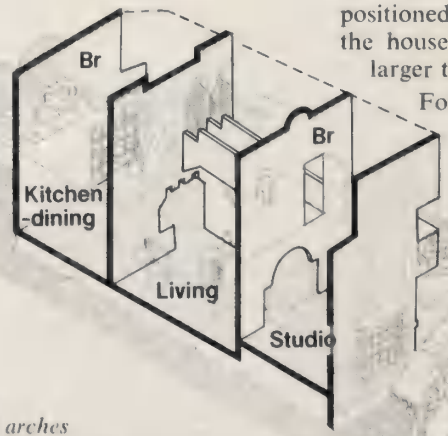
3 · Only 13 to 17 feet wide, but it seems open

AWARD OF MERIT
Glenn Robert Lym, San Francisco

This 950-square-foot house proves good things can happen in small packages. Only 13 feet wide at the street and 17 feet wide in back, Leslie and Paul Ti bets' house pushes to the setback limi of their small Berkeley lot.

Inside, two-story volumes and careful positioned windows and skylights hel the house to open up and seem muc larger than it is.

For a closer look at this house, se the March 1980 *Sunset*.



Narrow house *uses whimsical arches and windows to open onto itself rather than nearby neighbors*

n old neighborhoods

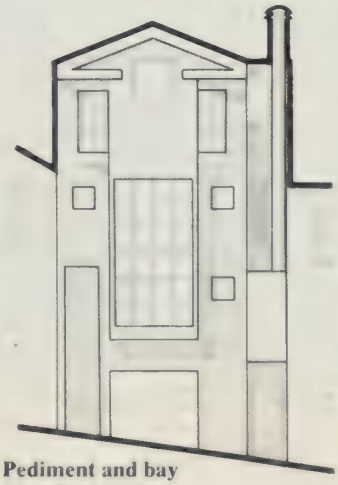
2 · New city house is "neighborly"

AWARD OF MERIT
Daniel Solomon and Associates, San Francisco

he jurors liked this building's "neigh-
orly" qualities and praised it for its
highly organized, obviously contextual"
çade: the front gable and pop-out win-
ow bay are adaptations of similar ele-
ents in nearby structures. Some rooms
cing the street look in three directions,
hanks to angled windows on the bay
rojection.

nside, big square-paned windows on
e top floor turn the building into a
ramatic viewing platform. A central
ough-like skylight adds a soft glow to
e ceiling.

y keeping the stairwell at one end of
e main space, Solomon made sure that
didn't block views from top floor living
reas. A small bridge spans the stairwell
nd leads to a deck, accentuating the link
etween inside and outside and reinforc-
g the sense of spaciousness. ■



Pediment and bay *give this façade a San Francisco flavor*

NORMAN A. PLATE

Indoor-outdoor *link is reinforced by a bridge to the deck and a long skylight above running the length of the room*

4 · Lot was only 50 feet deep

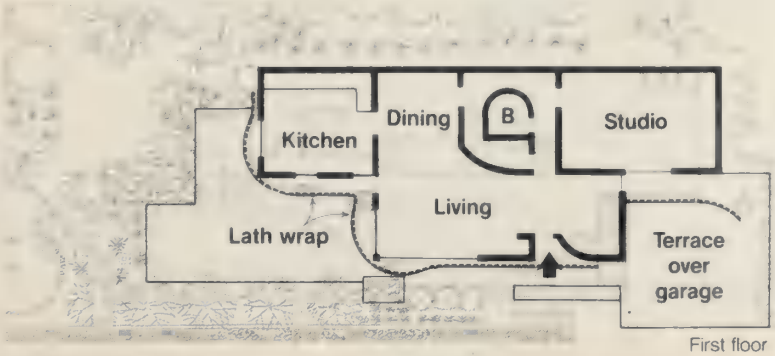
CITATION
Gerald A. Williams, Seattle

nother fill-in site, this lot is only 50 feet
eep, with a 120-foot frontage. Even
ith variances for the front and rear set-
acks, buildable area was restricted by
ty codes. In addition, the seller had im-
osed a height limit to preserve the view
om his house behind.

o soften the resulting boxy building, a
uid structure of lath was deployed
cross the south and west faces, provid-
g shade and support for vines that will
ventually mask much of the building.
or more on this and other lath-wrapped
ouses, see the August 1981 *Sunset*. ■

CHRISTIAN STAUB

Ribbons *of lattice wrap this boxy building*



First floor

With little room *to build on, this house sits sideways on its lot, right on the setback limits*

RICHARD SEXTON

Bay windows *bow to scale and style of their adjacent older neighbors*

DAVID STUBBS

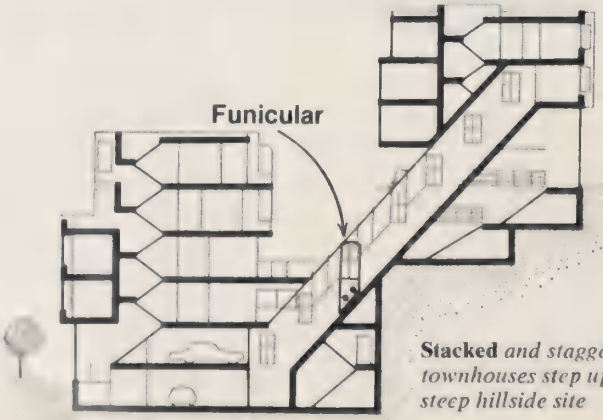
Between Victorians, 13 townhouses step up a San Francisco hill

HONOR AWARD
Hood Miller Associates
San Francisco

The jurors gave their top award to these 13 townhouses on Russian Hill in San Francisco. They found them to be sensitive additions to an existing urban fabric, commenting how well the design related to the surrounding cornices and bay windows "without flexing its own muscles."

The structure uses simplified bay windows and stepped-back decks, emulating but not imitating features of the picture-postcard Victorians all around it.

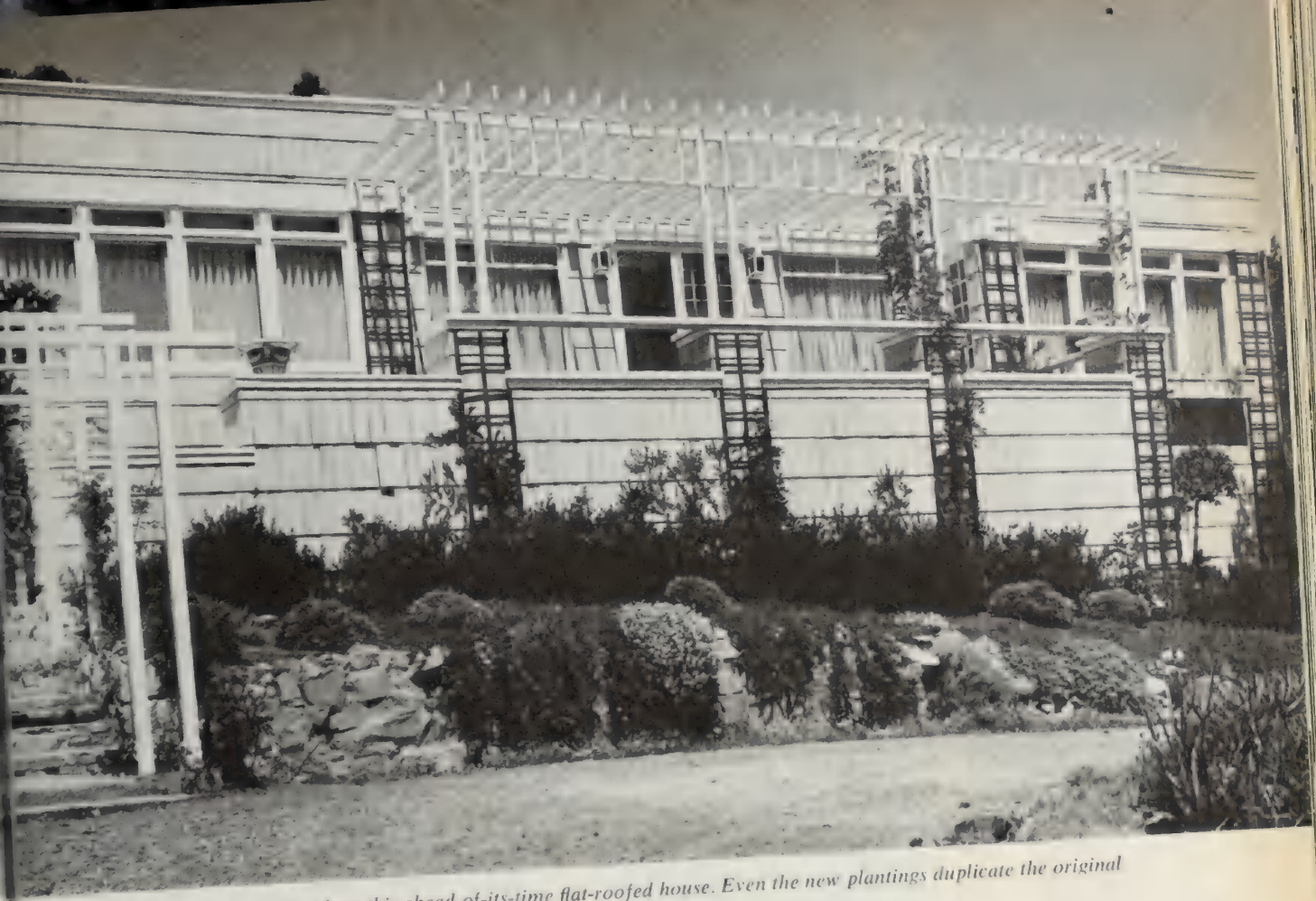
An electric funicular climbs up seven stories to link the units on their steeply sloping site. Each unit is like a single-family house, with a unique floor plan designed to respond to views, setbacks, and privacy considerations. Greenery from the decks is beginning to spill over the railings, softening the face of the buildings. ■



Stacked *and staggered townhouses step up steep hillside site*

NORMAN A. PLATE

Staggered decks *take advantage of light and views. Many are now mini-gardens*



Pergolas and trellises *once again adorn this ahead-of-its-time flat-roofed house. Even the new plantings duplicate the original*

Sensitive renovation gives 1913 derelict a second life

HONOR AWARD
Goodwin B. Steinberg Associates
San Jose

Another Honor Award went to this restored house in Saratoga, California. The jurors felt the architects should receive the highest award for "a renovation that reinvigorates rather than redesigns." "Absolutely the best renovation I've seen, because it has not taken away the attitude of the period; it isn't cute."

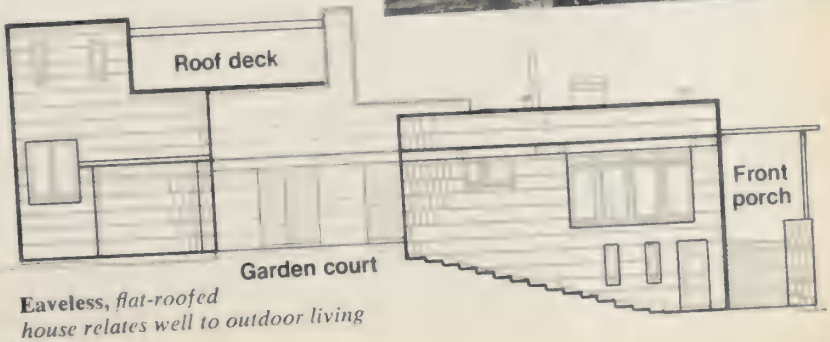
In 1913, San Francisco newspaper editor Fremont Older and his wife Cora built this avant-garde, flat-roofed house as a country retreat. Weekend gatherings here attracted Clarence Darrow, Carl Sandburg, and other forward thinkers of the time. The original architect is unknown.

After Cora Older's death in 1968, the house fell further and further into disrepair. During an 8-year vacancy, vandals looted the house, termites ate at it, bees infested it, vines engulfed it, and parts of it burned. The house and surrounding lands were eventually acquired by the Mid-Peninsula Regional Open Space District, which planned to bulldoze the derelict building.

To the rescue came Mort and Elaine Levine, themselves local newspaper owners. In exchange for a lease on the house, they made a precedent-setting deal with the district to restore the building at their cost. Using historic photographs and plans provided by the Historic American Buildings Survey, they kept as close as possible to the original design with a few modernizations in kitchen and baths. ■

WILLIAM ZIEGLER

Before: *derelict house was due for demolition. Trellises had been taken for firewood*



Eaveless, *flat-roofed house relates well to outdoor living*

Four houses win for energy wiseness, solar

Three-story *south façade gleams with its array of glass-covered solar collectors*

JULIUS SHULMAN

1 · What's solar about this Lake Tahoe house? Almost everything. It's active, passive, daring

CITATION
Ian Mackinlay
Oakland

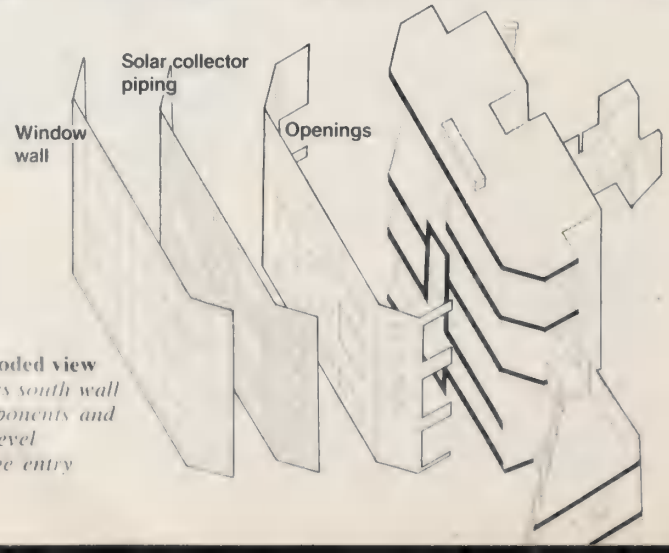
The jury was taken by the boldness of this mountain house. One look at it tells you it is designed to collect solar energy —through both an active water system and by passive direct gain through openings in the collector panels.

Mackinlay's three-level house is designed around a large vertical glass wall facing south. Behind the glass, wate circulating pipes on metal panels colle heat and take it to a 4,000-gallon storag tank under the house, where it is release in winter into the heating ducts. Oper ings in the collectors and interior wal permit views and allow the winter sun t heat the living spaces directly. Sno helps insulate the roof, while snow o the ground reflects the sun's radiation.

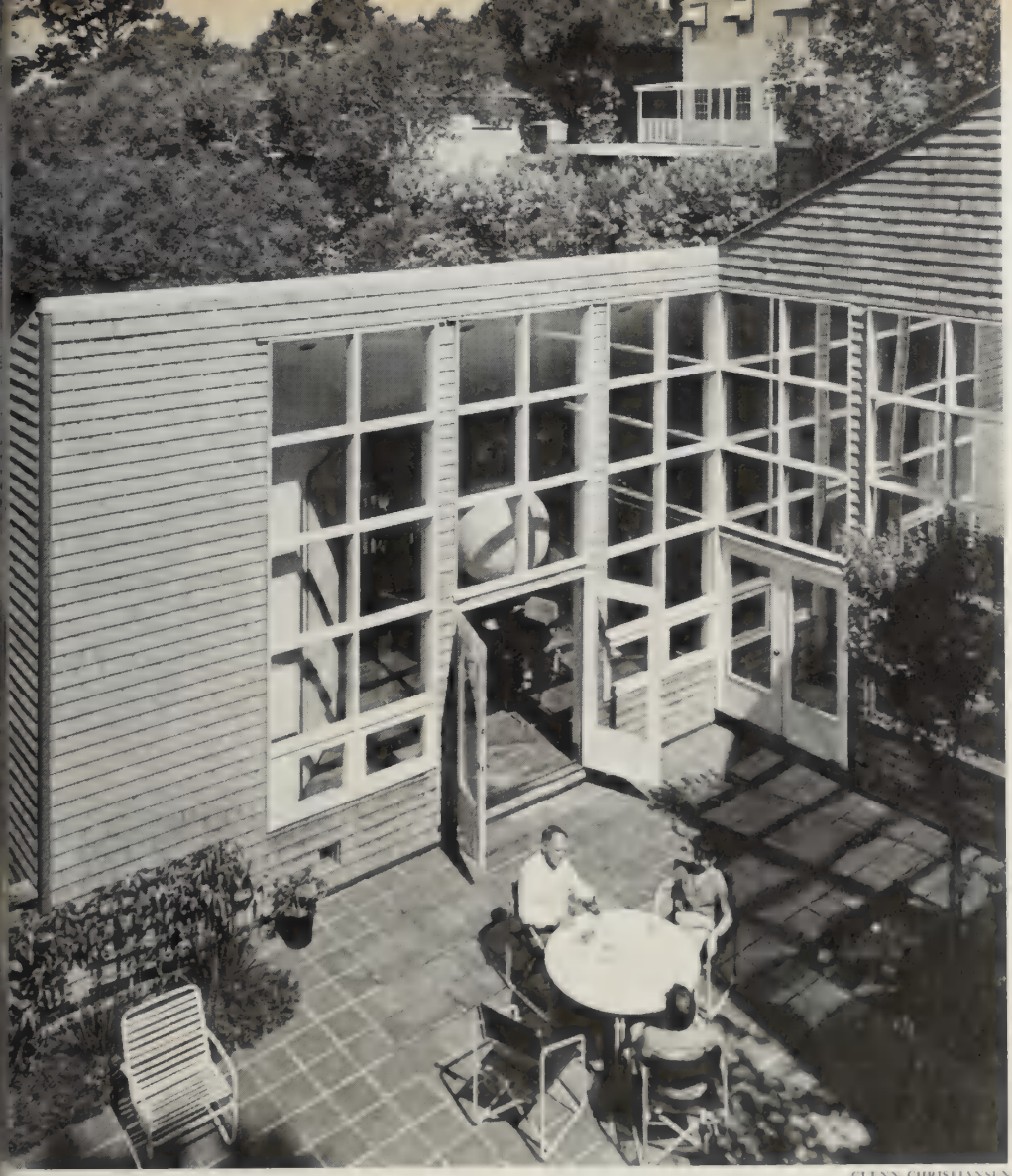
The active collector system also hea the house's water and hot tub.

Does it work? To quote the architec "Happiness is to sit in the hot tub a 105° in the evening on the winter so stice, with air temperature at 15°, an consider that your comfort has been free gift from the sun."

All of this hardware was not free, bu Mackinlay expects the savings in fue costs to pay for the system in 6 years.



Exploded view *shows south wall components and midlevel bridge entry*



GLENN CHRISTIANSEN

Entry level *(top), parents' mezzanine (below clock), and main living level open to courtyard. Heat can vent out or be recycled by fan to lower floors*

East-facing *windows on west wing look toward private courtyard, catching morning sun*

SPECIAL AWARD FOR ENERGY CONSIDERATIONS

George and Mieko Winnacker
Oakland

2 · What's solar here? Glass walls open to a courtyard

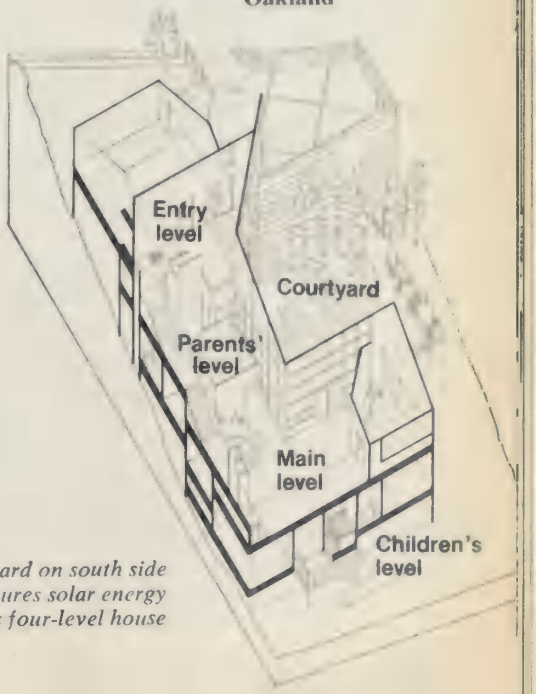
nlike his partner's house at left, eorge and Mieko Winnacker's house as recognized by the jury for the way it ealt with its energy flow without look-g like a "solar machine." From the ouse's conception, blending into the ell-established Piedmont neighborhood eighed equally with using the sun's en-gy for heating and lighting.

he solution: a private courtyard on the outh side of the house with glass walls pening onto it. This hollowed-out sec-on gives the house a large solar expo-ure and helps to maintain privacy by rning the house onto itself.

y 10 A.M. on most days, the sun begins warm the east wall of the west wing. y noon it's heating the main part of the ouse, and by afternoon it strikes the indowed side of the east entry tower. ecause the afternoon sun hits the high-est room, windows can be opened to re-lease heat buildup, allowing cooling air from lower levels to be drawn in.

By building on the steepest part of the site, the Winnackers took advantage of Bay views, and left the lower flat area for a garden and play lawn. The remain-ing vertical site was developed into a four-level building: you park and enter at the top floor; a mezzanine level serves as the master suite; below that is the main living area; and on the lowest level, the children have their bedrooms.

As with several other award winners, taking advantage of multistory volumes and relating the indoors to the outdoors makes square footage seem to grow. ■

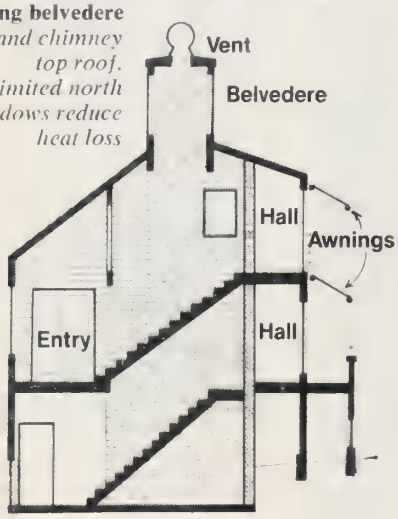


Carved-out *courtyard on south side provides privacy, captures solar energy for this four-level house*

PETER O. WHITELEY

Tall-mouthed *Rumford fireplace dominates living room. Masonry walls provide mass. Owner: David Brodhead*

Venting belvedere *and chimney top roof. Limited north windows reduce heat loss*



3 · Windows, orientation, shading...all passive

SPECIAL AWARD FOR ENERGY CONSIDERATIONS
Richard Fernau, Laura Hartman, with Charles Davis, Berkeley

The floor plan and gable roof of this La Honda, California, house is in the vernacular of a turn-of-the-century rural farmhouse, but the house incorporates the most current logic of passive solar design: proper orientation, interior storage mass, few north-facing windows, summertime shading for windows on the south side, and the ability to heat and cool without mechanical assistance.

Berkeley architects Richard Fernau and Laura Hartman, in association with Charles Davis, organized the house around a two-story masonry entry hall that is capped by a heat-venting belvedere. The hall provides an avenue for heat circulation or venting and a source of light to the core of the house. ■

4 · The Mickey Mouse ears are cooling vents. Woodland Hills house is playful solar

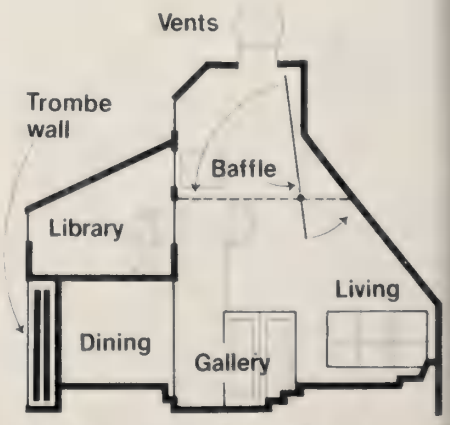
CITATION
Rob Wellington Quigley
San Diego

"The Mickey Mouse house." What else could the jury call this friendly looking building with a pair of ear-like cooling vents on its roof?

The 1,600-square-foot house, built for Maxine and Sherman Greenstein and their young daughter, is meant to be playful. It is also designed to heat and cool itself: the sun strikes a heat-trapping Trombe wall, and turbine vents in a tower draw up cool air from a buried rock storage bed. In the ceiling, a large fiberglass baffle pivots to open the house to the vents, or close down its volume for heating. ■

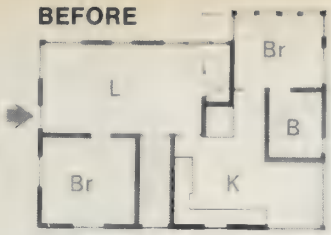
DAVID STUBBS

Off-the-shelf *components combine to create a whimsical exterior*

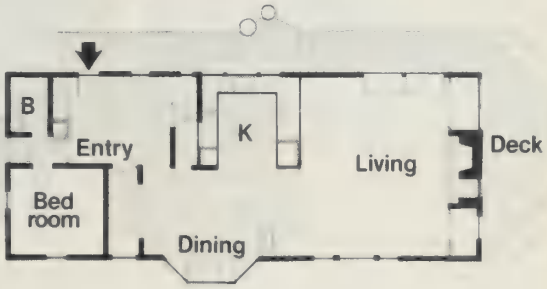


Pulling a rope *pivots the baffle up or down—up for venting through "ears," down to close off the living-dining volume for winter heating*

Old house *ended at kitchen; master bedroom is upstairs*



Glassed bay, *living room, and extended deck doubled the size of this ranch house*



Inside opened up, floor space doubled

CITATION
MLTW/Turnbull Associates
San Francisco

Whenever a house is remodeled, there rises the question of how much to change and how much to leave the same. In the case of this century-old ranch-house outside Napa, California, the old exterior was left much as it was. Additions and interior improvements were gently added to give the house more livability and crispness, while maintaining the original rural flavor.

Within the old house, walls were changed to improve traffic patterns and open the house to its two main additions: a glass-walled bay for dining and a spacious new living room with open-raftered ceiling.

The further addition of a large elevated deck off the living room gave the house an opportunity to grow beyond its walls. At the other end of the house, a new porch replaced the previous version that had reached a tiredness beyond repair. ■

As drawing shows, *studio addition will soon join organic house by bridge. Horizontal shingles flow over vertical roof laminations*

NORMAN A. PLATE

Boat builders helped with the roof

SPECIAL AWARD FOR THE ROOF
Jeff Morse
Tomales, California

The eclectic architecture of this country house is hard to describe: it is modern, traditional, Oriental, Tyrolean, ship-like, handcrafted, serene, whimsical, romantic, and organic.

The undulating shingled roof was framed using long lengths of recycled 2 by 10's ripped into quarters and laminated together from the skylit ridge to the eaves. The eyebrow windows were made by progressively fanning shorter laminated boards up and then down again. Local boat builders played a large role in fitting the intricate roof.

A strong Oriental feeling pervades the house and finds practical application in sliding doors fitted with pocket shoji screens for privacy. ■

Open ceiling, *open kitchen, and built-in seating create casual, airy interior*

Light well *opens to bridge-like bedroom, entry hall and kitchen below*

Upstairs sleeping porches *make perfect perches for enjoying morning coffee*

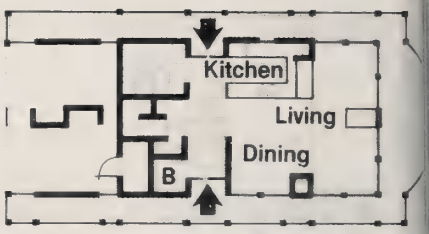
Yesterday's style, today's openness

CITATION
Canatsey Weinstein Architects
Seattle

Though only a year old, William and Mary Pedersen's high-gabled house on Hood Canal has an air of being long established. Nestled between trees, it sits proudly on its site, borrowing style from the past but introducing sophisticated contemporary design in floor planning, detailing, and oversize window grids.

Traffic flow and space utilization are more successful than the house's symmetrical discipline should permit. A central staircase and hall and a wraparound breezeway are the key.

With the attic unfinished, the house has just two bedrooms, but extra guests can sleep on built-in living room seating. ■



Bowed deck *meets verandas on two sides*

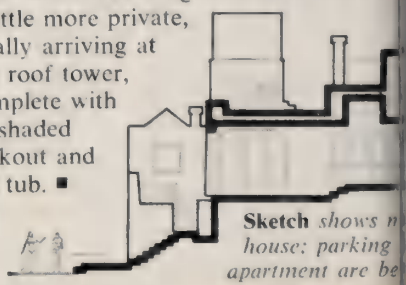
Asphalt shingles, fiberglass, pilings capture chaotic vitality of San Diego beachfront

CITATION
Rob Wellington Quigley
San Diego

Garage doors *roll up overhead to open Bart and Judy Sayer's living room to elevated decks and the beach beyond. Stepped fireplace repeats exterior motif*

The building elements in this startlin San Diego beach house are borrowe from the surrounding neighborhood. As phalt shingles, thin redwood siding, cor rugated fiberglass panels, heavy woo pilings, gas station roll-up doors, whit picket fences, and volleyball net rail combine and clash, reflecting th rhythms and chaotic vitality of th beachfront village. As one juror put it "It's living architecture—exciting, fun."

The house is arranged on three basi levels, with floor-level changes helpin to define rooms. Outside decks step up from near the beach all the way to th roof. Each ascending deck level become a little more private, finally arriving at the roof tower, complete with its shaded lookout and hot tub. ■



Sketch *shows n house: parking apartment are be*

Rising above Hood Canal, *this tall shoreline house borrows heavily from the forms of the past. The simple bowed porch sweeps around the traditional-looking façade, creating a handsome lookout bridge high above the water*

Mission Bay's *passing parade always slows here. The owners have watched more than one preoccupied pedaler detour from the strand to the sand while studying their playful beach house*

LENN CHRISTIANSEN

Country French cake

We discovered it in St. Tropez. It's slightly sweet, custard-filled, and no-nonsense

The resort town of St. Tropez on the south coast of France is known throughout the world for its sandy beaches, sparkling blue water, and fabulous yachts. It's also known, though not so widely, for the enticing yeast cake, proudly displayed at left, that bears its name.

Made from a slightly sweet dough, the St. Tropez cake is shaped and baked as a large flat round. Then it's split and filled with a fresh orange custard and chilled overnight. Just before serving, crushed sugar cubes and powdered sugar are sprinkled over the top.

This regional specialty is just one of many in *Sunset's* revised cook book, *Country French Cooking* (Lane Publishing Co., Menlo Park, Calif., 1981; $5.95). It's filled with a practical, no-nonsense style of country French cooking that sets it appealingly apart from the intimidating complexities of *haute* or *nouvelle* cuisine. You'll find 225 recipes, including menus for family and guest meals alike.

Le Saint Tropez Cake

- ½ cup milk
- ½ cup (¼ lb.) butter or margarine
- 1 package active dry yeast
- ¼ cup warm water (about 110°)
- ½ teaspoon *each* grated orange peel and salt
- ¼ cup sugar
- 1 egg
- 3 egg yolks
- 3¼ cups all-purpose flour
- Orange custard filling (recipe follows)
- 2 to 4 sugar cubes, coarsely crushed
- Powdered sugar

In about a 1-quart pan, heat the milk and butter to lukewarm (butter need not melt completely); set aside.

In a large bowl, mix yeast with water; let stand 5 minutes to soften. Blend in milk mixture, grated peel, salt, sugar, whole egg, and egg yolks. Add 1½ cups of the flour and beat with electric mixer on medium speed for 5 minutes, scraping bowl occasionally. Add remaining flour and beat with mixer or by hand until well blended. The dough should be soft but not too sticky when lightly patted.

Turn dough over in a greased bowl, cover, and let rise in a warm place until the dough has more than doubled, about 2 hours.

Punch down the dough, turn it out onto a well-greased 12- by 15-inch baking sheet, and flatten into a 10-inch round. Cover lightly with plastic wrap and let rise at room temperature (place should be not quite as warm as for original rising) until the dough has risen to a height of about 2 inches; allow about 35 minutes.

Bake in a 350° oven until a light golden brown, about 25 to 30 minutes. With a large spatula, slide cake onto a wire rack to cool completely.

Place cake on a serving plate or board. With a long serrated knife, cut it horizontally in half. Spread filling over bottom half and replace the top half. Cover lightly with plastic wrap and chill at least 6 hours or overnight.

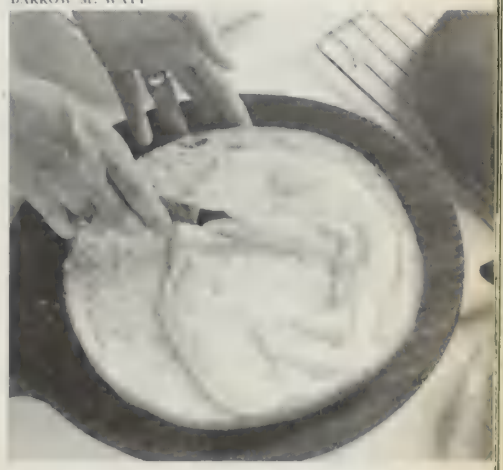
To serve, scatter crushed sugar cubes on top and press them in lightly; dust with powdered sugar. Cut into wedges. Makes 12 servings.

Orange custard filling. In a 1½- to 2-quart pan, stir together ¼ cup sugar and 2 tablespoons cornstarch; blend in ¾ cup half-and-half (light cream). Cook over direct heat, stirring constantly with a wire whip, until mixture boils. Remove from heat.

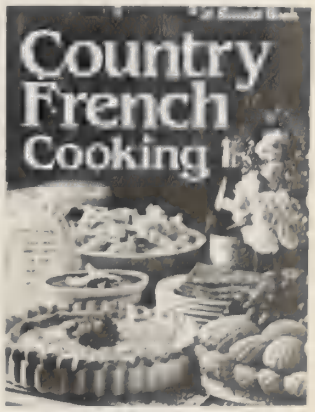
Lightly beat together 2 egg yolks, then gradually stir in 2 tablespoons of the hot cream mixture. Stir yolk mixture back into the cream mixture. Remove from heat and stir in 1 teaspoon grated orange peel. Cool slightly, then cover and chill until cold. Stiffly beat ¼ cup whipping cream and fold into custard. □

en when you live *in St. Tropez, this cake a treat. Filled with orange custard, makes a delightful adieu to almost any meal*

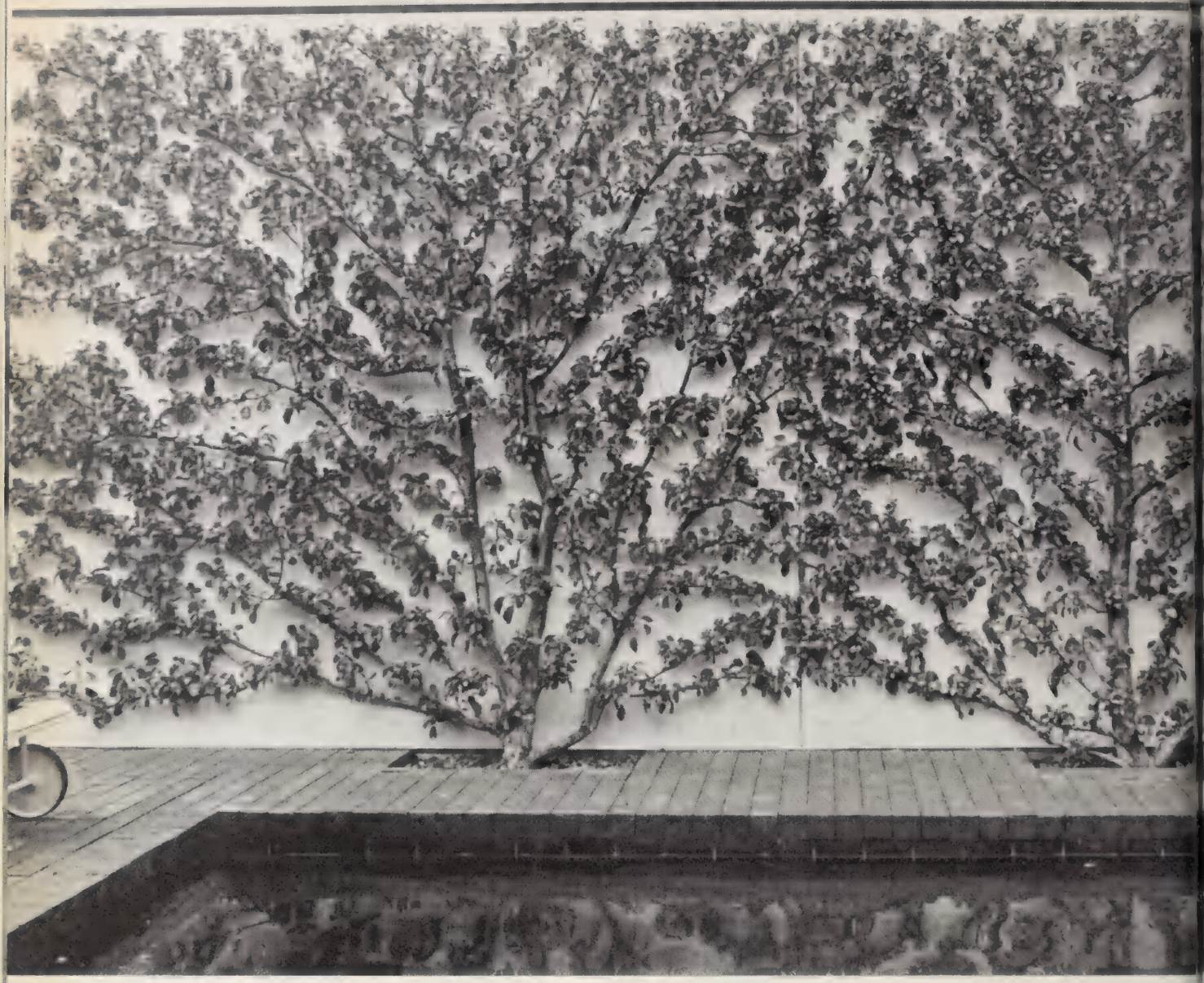
DARROW M. WATT



Spread *orange custard filling between layers of the yeast cake, then reassemble and chill so flavors can mellow*



Newly revised *cook book has 128 pages of country-style French cooking, with menus for family and guest meals*



Two espaliered evergreen pears, *planted eight ye*

This marvel of engineering is evergreen pear

Two trees meticulously espaliered on a wall

WILLIAM APLIN

ow cover full surface of 10- by 22-foot stucco wall in Santa Barbara

Branch supports *are loops of paper-coated wire tied to screw eyes that are fixed into wall*

Side shoots *need regular clipping to maintain branching pattern and keep plant leafy*

On this page you see a jack-of-all-trades andscaping plant doing one of the things t does best—covering a large wall as an espalier. The plant is evergreen pear (*Pyrus kawakamii*), easy to grow in all of California's low elevations. Its other two andscape uses are as a single-trunk tree or as a many-stemmed bush (read how to rain it those ways under *Pyrus* in the *Sunset Western Garden Book*).

To form an espalier, you can train an evergreen pear's branches along a wooden frame, which usually gives a rather geometric look. Or you can secure the branches directly to the wall, as was done here. Using a frame has a practical advantage in the early years, because you can bend the frame and plant forward to get at the wall for painting later, when the branches have thickened, this will be more difficult).

When shopping for evergreen pears to espalier, look for vigorous plants with large leaves, good foliage color, and a pleasing branch pattern. Avoid spindly ones with few side branches. Nurseries sell untrained plants in 5-gallon cans for about $15 and already-trellised ones in 5-gallon cans for about $25. For informal espaliering, as shown here, choose an untrained plant; you can make it grow in whatever shape you like.

Plant in full sun. Dig a planting hole twice the diameter of the container and several inches deeper, larger in poor soil. Mix some organic material such as compost, humus, or ground bark into the bottom of the hole and into the backfill soil. Once plants are established (after a year or two), they should need only moderate summer watering.

After you tie down the main branches on your espalier, prune off any others that grow outward or contrary to the pattern you want. You must continue to direct the plant's growth regularly. While branchlets are small, tie down the new growth you want to keep, and snip or pinch off any errant shoots. The two eight-year-old plants shown here get a light clipping every two weeks during the growing season.

As evergreen pears age, their branches thicken and become self-supporting. When plants are about 5 to 10 years old, their bark turns a dark charcoal gray and develops a surface of handsome cracks and fissures. The plants shown above have begun to acquire those characteristics. □

Curtain call *for kilted cast of last spring's Macbeth filled the Foothill Theatre Company's set in American Victorian Museum*

Up in Nevada City, a gold country Renaissance

Late on a crisp autumn night, when the air is still and the only sounds in empty Nevada City streets are your own footsteps and the whisper of gas streetlamps, a faint strain of Mozart or a snatch of Shakespeare sounding the depths of the dark can seem almost ghostly.

But despite the haunting aura of this old California gold rush town, the entertainment you hear is very much alive. A grand variety of performing arts and artists are finding their way back to Nevada City and nearby Grass Valley, and in the past few years several embryonic theater companies and music festivals have made this area their home. On many weekends from late spring into December, you'll find some type of recital, concert, or play helping to fill the evening hours.

Predictably, summer offers the biggest selection of these programs. Still, autumn in the gold country offers its own rewards, and although performances aren't as abundant, October may be the best time of year for a Nevada City visit.

Nature's own dazzling show

Later this month, oak, locust, and cottonwoods on surrounding Sierra foothills will glow with leafy color. The rolling country along State Highway 174 between Colfax (on Interstate 80, an hour's drive northeast of Sacramento) and Grass Valley has good native foliage displays and orchards touched with fall tones. This is apple country, and you can stop at several ranches along the 15-mile drive for a glass of cold cider and a wedge of apple pie.

First stop in Nevada City should be the Chamber of Commerce, at the foot of Main Street where Coyote, Commercial, and Union streets all come together like spokes of a giant wheel. This unusual street pattern was laid out along paths the miners made when they fanned out from Deer Creek diggings to their cabins at the end of the day. The chamber's free walking tour maps will help you prowl around the historic downtown area.

Poking around the historic district

Walking past immaculately restored Victorians and false-fronted brick buildings that date back to the gold rush, it isn't hard to imagine the town of a century ago. A series of disastrous fires leveled the earliest parts of the city, so that most of the town dates from the 1860s and later. Strict zoning laws and designation of a historic district by the city in 1968 have helped make Nevada City one of the Sierra's best preserved mining towns. Narrow streets invite you in many directions at once. Antique shops crowd in on homey restaurants, and boutiques fill the niches between art galleries.

Even downtown lodgings strive to maintain period atmosphere. The 40-room National Hotel was first built in 1854 and is reputedly the oldest continuously operating hotel in the state. Victorian-furnished rooms start at $29 per night double with bath and fill quickly on weekends; call (916) 265-4551 for reservations. The seven-room Red Castle Inn is an antique-filled Gothic revival house turned bed-and-breakfast inn. Attention to detail in this charming hostelry keeps rooms (which range from $38 without bath to $55 with) booked well in advance; call (916) 265-5135.

Nevada City's first firehouse, at 214 Main, is now a museum open daily from 11 to 4 and is a good place to round out your historical perspective of the town. The exhibit on early Chinese settlers here is alone worth the 50-cent fee.

Over on Broad Street, the New York Hotel is one of the oldest buildings in town (it dates from 1853) and houses a variety of shops. Across the street is the

JERRY FREDRICK

Gingerbread detailing *on restored façades along Main Street makes Nevada City one of the gold country's best-preserved towns*

Wooden Indian *greets live cowboy through downtown antique shop window*

Hydraulic nozzle *across from National Hotel washed gravel and gold from hills*

ron-doored Nevada Theater, which opened in 1865.

The show goes on—this fall

Under restoration since 1972 by the Nevada County Liberal Arts Commission, the Nevada Theater has been a centerpiece of the gold country's recent performing arts renaissance. Many of the town's concerts are performed here, and a talented community players group stages three or four plays a year. The next is *Dracula*, October 16 and 17, 22 through 25, and 29 through 31. Tickets are $5; write to the Community Players, Box 395, Grass Valley 95945.

Nearby, the Foothill Theatre Company is another troupe of local actors that has pulled together an impressive list of credits in a few busy years. Staged in the main hall of the American Victorian Museum at 325 Spring Street, the last six performances of a French farce, *Thieves' Carnival*, will play September 25 and 26, and October 1 through 4. Tickets cost $4 to $5.50 for adults, $3 for children; write to Foothill Theatre Company, 123 Nivens Lane, Nevada City 95959. Their next production, Edward Albee's *Zoo Story*, will run November 27 through December 13.

Other upcoming events include a jazz festival at the Nevada Theater on September 19 and 26, October 3 and 10; a violin and harpsichord recital at Nevada Union High School on October 4; and the Nevada County Concert Band at the American Victorian Museum on October 26.

Best source of information on all events is the Nevada City Chamber of Commerce, 132 Main Street, Nevada City 95959. Drop in between 9 and 5 Monday through Saturday or call (916) 265-2692. It also has references to the town's most interesting historic features, including the gas streetlamps. They may be phased out within a year—the Public Utilities Commission wants them replaced with energy-efficient electric globes. If that happens, an evening walk through the quiet old streets won't quite be the same. □

Part hat, part mask: *paper cat, raccoon, and wide-eared mouse bid cheery "trick-or-treat" on Halloween night*

Dizzy dachshund and friends... Halloween hat-masks

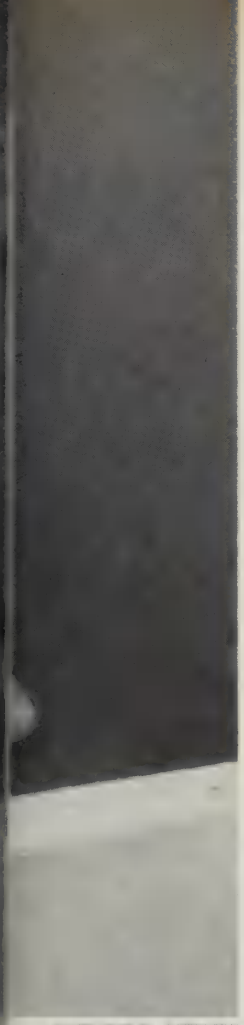
"Give him black eyes." *Aaron, age 9, offers advice as sister Catherine, age 6, adds finishing touches*

Floppy-nosed and wide-eyed, paper animal hats can be the hit of Halloween night. At a birthday party, the perky crowns are appealing favors for guests to wear home.

You can make four crowns from one 26- by 40-inch sheet of lightweight (one-ply or two-ply) Bristol paper, costing less than $1 at an art supply store.

Scale up the patterns onto brown paper (for mouse in photograph above, use raccoon pattern but scale up ears and thin down tail); cut out. Lay the patterns on the Bristol paper and trace around them. Fold noses, ears, or antlers where indicated. Draw on features with felt-tip pens (you may want to mark them on with pencil first).

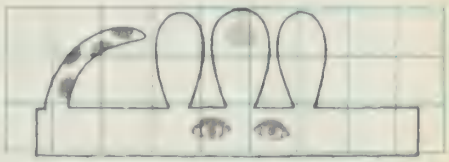
Overlap ends of crown and staple in back. Each crown should be about 7 inches in diameter, but you may have to do some adjusting at party time. □

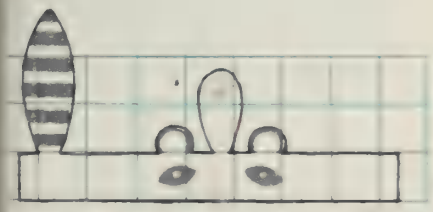


MARGARET W. PETERSON

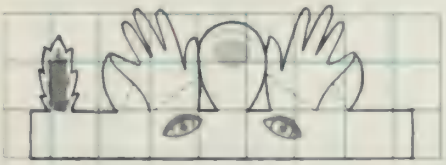
Dizzy-eyed dachshund

Meet the hat-mask gang...

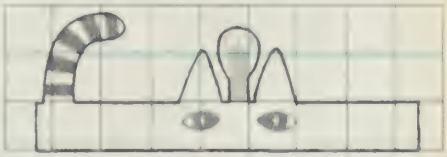




Bandit-faced raccoon



Round-nosed reindeer



Perky-tailed cat

For almost 30 years, spring visitors to *Sunset's* Menlo Park gardens have enjoyed the magnificent show of fall-planted bulbs. The real stars are the container-grown flowers that brighten *Sunset's* patios and terraces.

At home you can stage your own extravaganza by using our techniques.

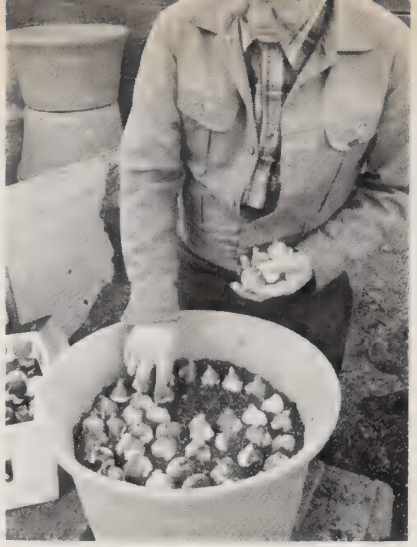
Start now by buying plump, top-quality bulbs while nurseries are well stocked. We plant in October and November (in warm-winter climates, wait until December; meanwhile, chill tulips and hyacinths at 40° to 45° in the refrigerator). A generous planting gives the full-flowered effect you see here.

Use a light, fibrous soil mix. Ours is ⅔ sandy loam, ⅓ peat. Two tablespoons of steamed bonemeal added to each 16-inch pot is the only fertilizer.

A 3- to 4-inch topping of wood shavings helps keep temperatures even and encourages strong root development. Ground bark, sawdust, or sand may be used instead. (Where soil freezes, give pots extra protection to keep them from cracking.) From now through flowering, water enough to keep soil moist if rains aren't sufficient.

After two to three months, start checking under the mulch for developing leaves. Remove covering when top growth shows an inch or so above soil, then move pots into full sun.

We plant a variety of bulbs—anemones, crocus, freesias, Dutch hyacinth, Dutch iris, ranunculus, scilla, and many kinds of daffodils, narcissus, and tulips—for a steady succession of color from January to May. Spring-flowering annuals make perfect companions. Calendula, *Chrysanthemum paludosum*, English primrose, Iceland poppy, pansy, snapdragon, stock, and viola seedlings go into pots in the fall, followed by cyclamen, fairy primrose, nemesia, and schizanthus in January and February. □



1 · *Closely set bulbs on soil base 4 inches below pot rim. This 16-inch flared pot will hold nearly 50 tulip bulbs*

2 · *Cover with soil, leaving 1½ inches at top for watering space. Tamp firmly to press soil against bulbs*

3 · *We put pots in a cool, shaded area, water thoroughly, and heap on 3 to 4 inches of wood shavings. Sprinkle with water to keep mulch from blowing*

4 · *Four months later, tulips in full bloom are ready to move to center stage. Big clay containers are heavy: use a handtruck to move them*

What's our bulb secret?

The soil mix. Crowding. Burying. Good timing. Here's how to get a glorious spring show from bulbs you plant in pots this month or next

DARROW M. WATT

ı April, ■ *blaze of Darwin hybrid tulips Empire State') greets visitors at unset's front door. They follow an ırlier show of hyacinths and daffodils*

Flower-packed *pot of yellow cottage tulips highlights a tiled wall. Small white daisy-like flowers at right are Chrysanthemum paludosum*

Sprightly bouquet: *double 'Yellow Cheerfulness' narcissus flank a pot of brightly colored English primroses. Tight planting (about 24 bulbs crowd this 14-inch pot) promotes erect, self-supporting stems*

Flag-flapping maidens *and dauntless drum majors march in Long Beach spectacle, which last year included 78 bands*

JERRY FREDRICK

Flutists play *in purse-lipped unison at Selma, while bear-bearing marchers from Fresno's Central High are all smiles*

Marching band madness

Dauntless drum majors, flag-flying maidens, half-time hoopla, Sousa and rock. High school bands compete all over the West

All the buses have arrived, and the kids clamber down to grab their instruments and sound the first tentative notes of the day. They wedge themselves into lofty shako hats; they fidget as squadrons of parents brush uniforms and polish buttons and shine shoes and then swaddle the shoes in plastic bags so not one blade of grass can besmirch them.

They listen to the band director's last-minute admonitions—"I want to see diagonals," and "Smile, smile, remember those smiles." Then they're off, conquistadors and beefeaters and minutemen and Indian braves by the hundreds, strutting down the street, each foot drumming the pavement on the same beat, each identically angled saxophone winking back the same rays of the morning sun, each flute and trombone and trumpet singing the same American music.

What is all this? It's one of the great rites of fall: the high school marching band competition. For the next two months or so, these competitions take place all over the West. If you need a surge of adrenalin, here's where to find it.

Military bands started in Renaissance Germany, and brass bands found their fullest flowering in Victorian England, but America domesticated them by bringing their noisy precision into the classroom. Today, a powerhouse band like that of California's Arcadia High School (it has garnered awards in 17 of its last 20 competitions) practices 50 minutes each school day and for an additional 2 hours one night a week.

The band competitions are generally composed of two separate contests: band reviews (parades) and field tournaments (half-time performances).

Reviews begin with a uniform inspection persnickety enough to make a West Pointer tense. Then the band regroups to begin the parade. First section to be covered is the warmup area, where the band practices its music as boosters trot alongside carrying boxes laden with everything—bandages, aspirin, hairspray, and hosiery—a member could conceivably need in an emergency. Then, in the silent area, the band moves with its instruments hushed so as not to interfere with the group being judged in front of them.

When the band finally comes to the 450-foot-long competition zone, it waits until told to proceed, then marches past the judges' stand to be graded on showmanship, marching, and music. In the first category, judges look for smiles, for snap. In the second, they look for order, for neat horizontal and vertical and diagonal rows, for feet keeping the same rhythm. To rank the bands in the last category, judges hold music scores in front of them, comparing the notes written to the notes being played, and comparing the difficulty of each band's selections with those of the others.

In the half-time competitions on playing fields, bands have 8 to 12 minutes to earn points by dazzling. The sideshow hoopla—the flag girls, the drill teams, the high-kicking, cherry-costumed mascots—downplayed during the parades is allowed to go wild here, and even the traditional Sousa marches may take second billing to rock-and-roll.

Both band reviews and field competitions end with awards ceremonies almost as entertaining as the contests themselves. When names of the winning schools are announced, cadres of band members march with utter solemnity to receive their trophies. Back in the bleachers, hysteria reigns. No National League pennant, no Academy Award was ever taken with theatrics so contagious. If someone told you of seeing a troop of Revolutionary War soldiers, commanded by Kermit the Frog, leaping and hollering over a gilded second-place prize, you'd think it sounded silly. But such is the magic of a high school band competition that, once you're there, chances are good you'll feel like leaping and hollering too.

For a schedule of band competitions, see page 44. □

Overture: *signs flag the start of competition zone*

Finale: *to the victors go the spoils, also the hugs*

Whole Meal Rib Soup
With poached egg
Butterflied
Barbecued Short Ribs
with Vegetables
Braised
Ribs
with Rice
Butterflied
Chunks
Sawed
FIVE WAYS TO CUT RIBS
Sawed
Slivered
Sliced
Beef Tartare with Pear
Appetizer or entrée
Lettuce Lunch
Fill leaves to eat

Korean ways with beef

Their own sweet-*hot* seasoning. And many ways of cutting for barbecuing, stir-frying, braising

Koreans are fond of beef and have their own special way of seasoning it—with a mixture of soy, sugar, garlic, ginger, toasted sesame seed, sesame oil, and green onion. Short ribs are the predominant favorite, but certain other lean cuts are also commonly used. Our five Korean beef dishes are distinctly different, though each calls on the same rich symphony of background flavors.

Meaty short ribs are cut thick and braised or made into soup by long gentle cooking—or cut thin and quickly barbecued. At Korean markets, the ribs come already cut and ready to grill. You can ask your meat dealer to prepare them in the same way. You can also butterfly short ribs for quick cooking.

Lean boneless beef, cut into thin slices or matchstick slivers, is the basis for two other popular dishes. The slices are stir-fried and served with rice in a lettuce leaf. The slivers, seasoned and served raw with sweet pear and raw shredded vegetables, are a fascinating variation of steak tartare.

Most supermarkets provide the ingredients you need, but at a Korean store you can also find Korean hot pepper paste. If you can't buy toasted sesame seed, stir seeds in a dry frying pan over low heat until golden.

Korean Braised Ribs with Rice
(*Kalbi-chim*)

In a 5- to 6-quart kettle, combine 4 pounds lean beef short ribs (cut into 2- to 3-inch lengths), 3 cups water, ⅓ cup soy sauce, 3 tablespoons sugar, 2 teaspoons minced garlic, 2 tablespoons crushed toasted sesame seed, and 3 thin slices fresh ginger. Bring to a boil, then cover and simmer, turning ribs occasionally, until meat is very tender when pierced, 2½ to 3 hours.

Peel 2 large carrots and cut them diagonally in ¼-inch slices. Add to cooked beef, cover, and simmer until carrots are tender, 15 to 20 minutes. Skim off and discard all fat. Add 1 tablespoon sesame oil (optional). Garnish with egg strips (recipe follows) or sliced green onions. Accompany with hot cooked rice. Makes 4 to 6 servings.

Egg strips. Beat 1 egg. Place a 10-inch frying pan over medium heat. When pan is hot, lightly coat pan bottom with about 1 tablespoon salad oil. Coat pan bottom with egg and cook until set, about 30 seconds. Remove from pan. Cut in thin strips. Use hot or cold.

Korean Whole Meal Rib Soup
(*Kalbi Gook*)

In a 5- to 6-quart kettle, combine 2 pounds lean beef short ribs (cut into 2- to 3-inch lengths), 3 cups regular-strength beef broth, 6 cups water, ⅓ cup soy sauce, 3 tablespoons sugar, 2 teaspoons minced garlic, 3 thin slices fresh ginger, ½ to ¾ teaspoon cayenne or Korean ground hot red pepper, 4 whole green onions, and 2 tablespoons crushed toasted sesame seed. Simmer,

DAVID STUBBS

Friend gets *a lesson on how to handle rice, Korean beef, and vegetables with chopsticks*

left, *five different Korean main dishes. Basic seasonings stay the same*

DAVID STUBBS

At Korean market, *meatman butterflies short ribs upon request. Sawed ribs in background are more typical. Both cuts cook quickly on the grill*

DARROW M. WATT

To butterfly, *set rib on its side. Starting about ¼ inch from bone, cut to within ¼ inch of end of piece. Turn rib and make a parallel cut in opposite direction about ¼ inch from the first cut. Repeat these cuts until you can spread meat out in a long, flat strip*

covered, until beef is very tender when pierced, 2½ to 3 hours.

With a slotted spoon, lift out ribs; set aside. Skim off and discard fat from broth. When meat is cool, discard bones and excess fat. Shred meat.

Peel and thinly slice ¼ pound daikon or turnip. Add meat and daikon to broth, bring to a boil, cover, and simmer until daikon is tender when pierced, 15 to 20 minutes. Add 1 tablespoon sesame oil (optional) and gently drop 3 or 4 eggs into the barely simmering broth. Cover and cook just until eggs are softly set, about 2 minutes.

Ladle soup and 1 egg into each of 3 or 4 individual bowls. Makes 3 to 4 servings.

For a light lunch, *fill lettuce leaves with stir-fried beef strips, rice, and hot pepper paste; roll up to eat*

Korean Barbecued Short Ribs (*Kalbi*)

You'll need about 4 pounds lean beef short ribs in 3 rib sections that are sawed crosswise in ¼-inch slices. Or butterfly 2- to 3-inch-long short ribs: to do this, make parallel cuts starting ¼ inch from the bone as shown above right.

Mix together 1 cup soy sauce, ⅓ cup sugar, 2½ tablespoons *each* minced garlic and fresh ginger, ⅓ cup crushed, toasted sesame seed, ⅓ cup sesame oil, and ⅔ cup thinly sliced green onion. Mix marinade with ribs; cover and chill, stirring occasionally, 4 to 24 hours.

Grill 4 to 6 inches above hot glowing coals. Cook, brushing with marinade, until browned on both sides, about 5 to 10 minutes total. Makes 6 servings.

Lettuce Lunch (*Sang Chi Sam*)

Cut 1 pound lean boneless beefsteak (such as sirloin, top round, chuck) across the grain into ⅛-inch-thick strips. Mix meat with 2½ tablespoons soy sauce, 1 tablespoon sugar, 1 teaspoon *each* minced garlic and ginger, 1 tablespoon crushed toasted sesame seed, 1 tablespoon sesame oil (optional), and 2 tablespoons thinly sliced green onion.

Place a wok or 10- to 12-inch frying pan over high heat. When pan is very hot add 2 tablespoons salad oil and half the meat. Stir-fry until lightly browned, 1½ to 2 minutes; remove. Cook remaining meat; add oil if needed.

On each of 4 dinner plates, arrange a quarter of the meat, about ½ cup hot cooked rice, 5 to 8 leaves of red leaf lettuce, and a dab of Korean hot red pepper paste (optional). Fill a leaf with some meat, rice, and hot pepper paste, and pick up to eat. Makes 4 servings.

Korean Beef Tartare with Pear (*Yuk Hai*)

Trim off and discard fat from ½ pound lean boneless beef such as sirloin or top round. Cut meat across grain into ¼-inch slices, then cut slices into matchstick slivers. Mix together 4 teaspoons soy sauce, 2 teaspoons sugar, 1 teaspoon minced fresh ginger, ½ teaspoon minced garlic, 1½ teaspoons crushed toasted sesame seed, 2 tablespoons thinly sliced green onion, and ⅛ to ¼ teaspoon Korean ground hot red pepper or cayenne. Mix with meat. Cover and chill, up to 4 hours.

Peel 1 small pear and cut into matchstick pieces; moisten with lemon juice. Finely shred enough cabbage and carrot to make about ¾ cup *each*. Line 2 or 4 plates with leaves of red leaf or butter lettuce. Mound ½ or ¼ the meat mixture on each plate. Make a well in center of each meat mound; put 1 small or medium-size egg yolk into well. On each plate, arrange pear, cabbage, carrot, and a dab of Korean hot red pepper paste (optional) around meat.

To eat, mix egg yolk with meat. Accompany with vegetables and fruit. Makes 2 entrée or 4 appetizer servings. □

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Protects wood floors.

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ANGELA CARDOZA

Cutting board *lifts out of countertop to admit oversize bowl. Smaller items fit through narrow door*

Cutting board is a trap door

Deep corner cabinets are perfect for storing special cooking utensils that aren't used every day. But they often have narrow door openings and require a long reach to get at things.

Palo Alto homeowner David Findley cut a hole the size of a ready-made butcher-block cutting board (purchased from a lumberyard) into the unfinished counter to allow access to the recessed storage space below. The 18- by 24-inch board fits snugly into the opening and rests on a ledge made from 1 by 2's screwed to the underside of the counter at opposite ends. It lifts out easily after a gentle upward tap from underneath. □

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Once for Beauty.

Look once at this asphalt roof for its eye appeal—beauty of its soft, muted colors. Look carefully at the thick, irregular shingle edges, and the deep uniform shadows they cast. A roof like this lends substance to a home and makes it look good in any light. You're looking at the architectural beauty of a new kind of non-wood roofing—the three-dimensional asphalt shingle.

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We invite you to call [illegible] for our BeauFlaire information packet and sample. (In Pennsyl[illegible] call [illegible]

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Weatherproof, watertight, space-efficient . . . boat hardware has uses around the house

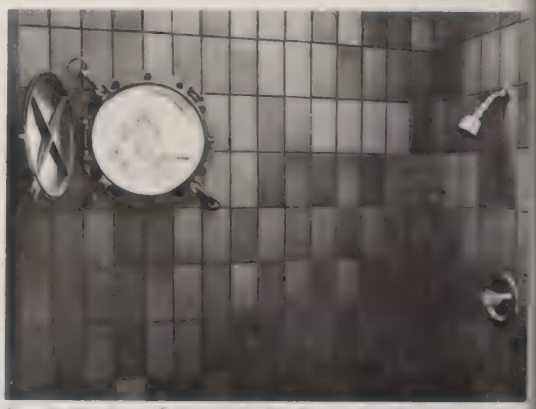
NORMAN A. PLATE

DAVID STUBBS

Shackles, snaps, hasps, and hinges *made from bronze or stainless steel are intelligently designed, durable, good-looking*

Stresses on a boat demand that its hardware be strong, weatherproof, watertight, and space-efficient—criteria that don't always apply to landlubber counterparts. Visit a marine supply store, and you'll find hinges, hatches, wires, and rails manufactured to standards rarely met at local hardware shops.

Around the house, there are many applications for such hardware, as the examples here and on the next two pages show. These deck rails, balcony rails,



Porthole, *found at nautical salvage yard and then repolished, makes a fitting lookout for this San Diego shower*

Turnbuckles and rigging wire *span the space below pipe rail in bedroom balcony to make the opening childproof. Architect: Peter Behn, Berkeley*

he piece shown is available for about $1,390. The price may change substantially due to differences in diamond
uality and market conditions. Your jeweler can show you other diamond gifts starting at about $450.

A diamond is forever. De Beers

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K45SS

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K5SS

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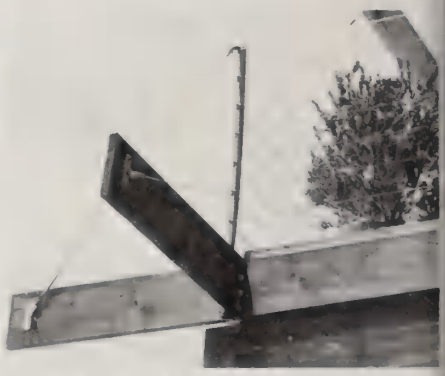
Hobart Corporation, Troy, Ohio 45374

DARROW M. WATT

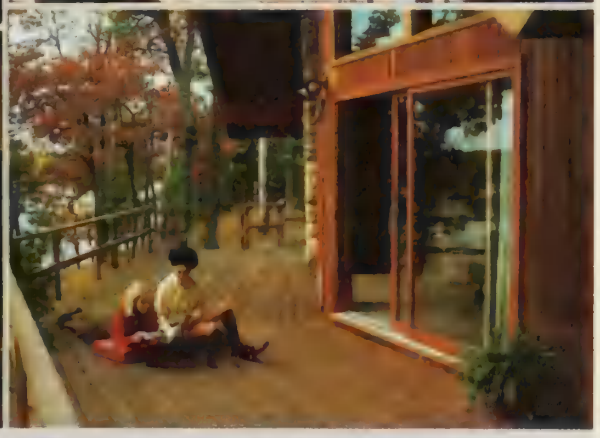


See-through deck rails *are wire-rope life lines, braced at corners with more rigging. Architect: Carl Day of Santa Monica, California, for Joe and Beverly Frisch*

shower windows, and the like were chosen for different reasons—esthetics, durability, or as the only solution to a unique problem.

But it was a ship chandlery, not a building materials store, that supplied the necessary parts. In several cases, walking through the store gave homeowners the idea. (To find a chandlery near you, check the yellow pages of your telephone directory under Boat Equipment

Only one gliding patio door is built like an Andersen® window.



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And it has something you won't find in any other space-saving microwave oven: Litton's exclusive Meal-In-One™ cooking system. With two sources of power distribution, not just one. So it cooks evenly. Whether you're cooking a roast or a custard. Several dishes or just one.

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Why settle for less?

Nobody knows more about microwave cooking than

LITTON

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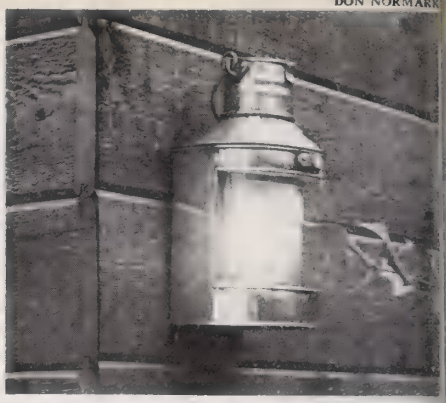
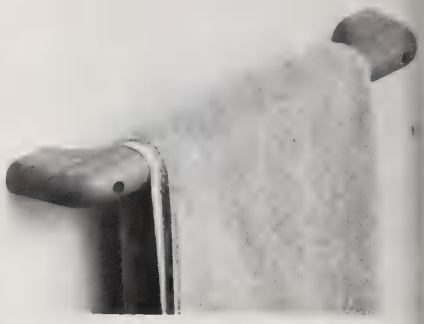
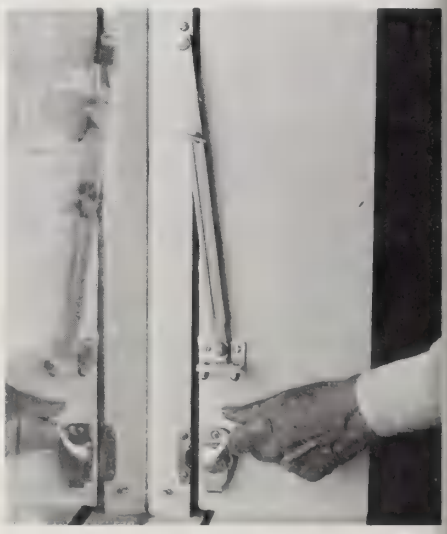
DON NORMARK



Running light, *fitted with white bulb rather than working green or red, illuminates corner of Seattle patio*



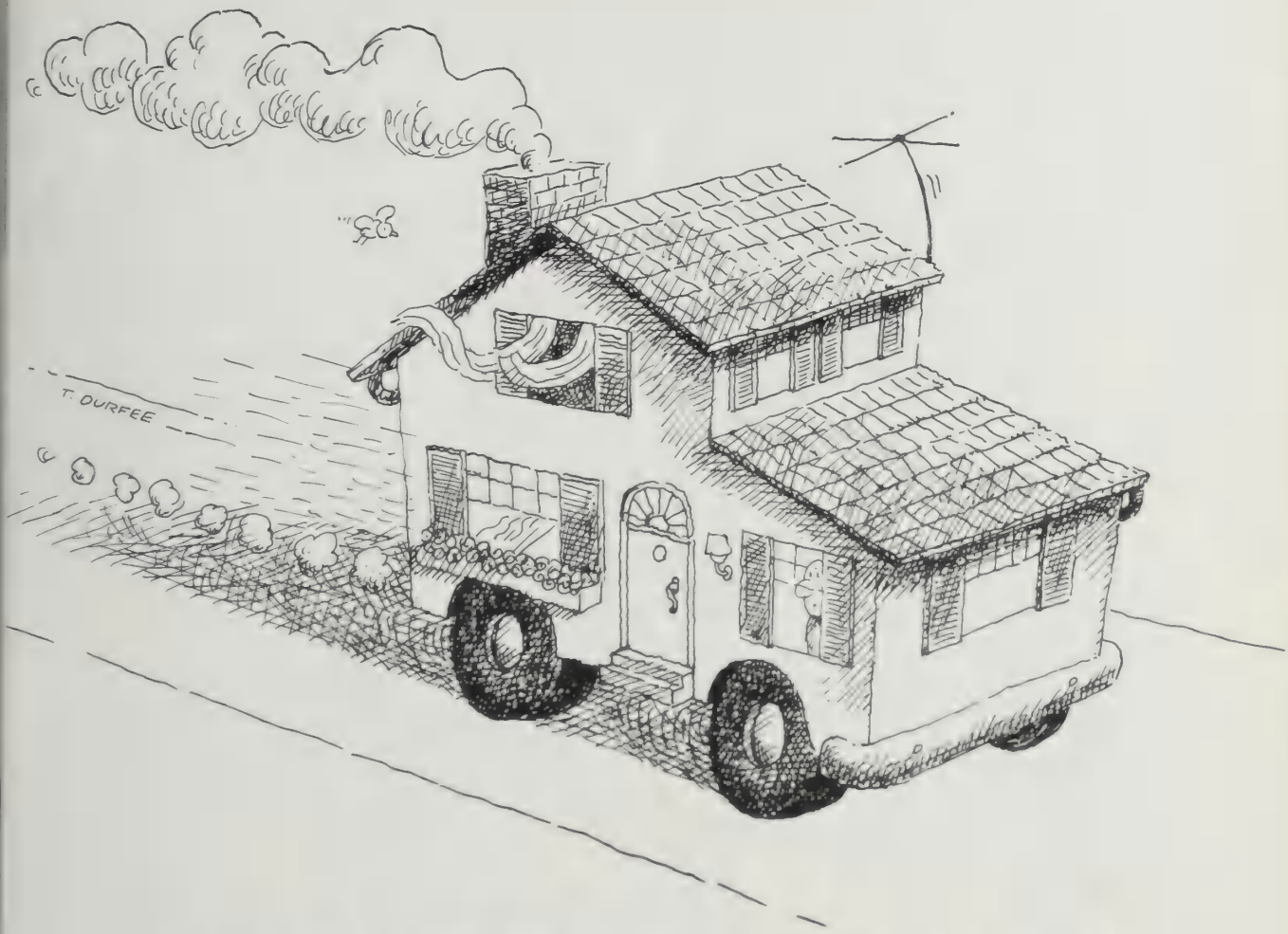
Teak grab rail *works as towel bar here. It's left unfinished; natural oils provide enough protection for indoor use*



Locking strut *holds living room window open in Seattle home of architect Phillip Jacobson—just as it would prop open a boat's hatch*

& Supplies and Marine Equipment & Supplies.)

Of course, you pay for the jump in quality: a bronze hinge or recessed door pull may cost two or three times as much as its common pressed-metal equivalent. Marine hardware, however, is likely to last two or three times as long. The materials it's made from—durable solid bronze or stainless steel and teak, a hardwood with great natural longevity—all but ensure a lifetime of usefulness. □



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You probably wouldn't buy a car without asking what kind of mileage it gets. And you shouldn't buy a house without finding out how energy-efficient it is.

Look for a house with a sign out front that says Energy Conservation Home. That means the house has been designed to keep you comfortable all seasons, without relying so heavily on energy from PG&E. The appliances run on less fuel, the lighting uses less electricity.

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Look for Energy Conservation Homes near you. **PG and E**

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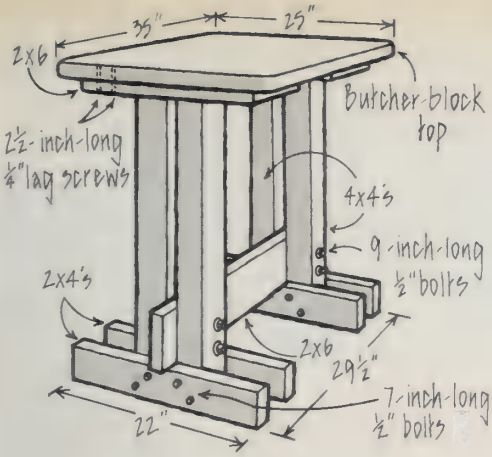


Cook's table-island

turdy work table is a plus in any kitchen where counter ce is limited.

: table pictured above was designed by Carla Roth of rke and Roth Interiors, Mill Valley, and built by her hus- d, Jeff. Made of standard-dimension redwood and a ready- de maple butcher block, it required only a handsaw, drill, hex-head bolts and screws for assembly.

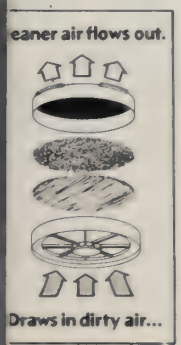
s are 30-inch-long redwood 4 by 4's separated by a 2-by-6 ss brace; at the base, they're sandwiched between 2 by 4's. pieces are bolted together.

o 23-inch-long 2 by 6's anchored to leg tops with wood screws support the butcher block. It's attached from below with lag screws near each corner. The base is finished with two coats of polyurethane, the top with mineral oil. □

DARROW M. WATT
Compact *butcher-block table serves as all-purpose island*

In actual demonstration

Norelco fights dirty air with Clean Air.



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The Changing Western Home®

DON NORMARK

Space-saving cantilevered kitchenette countertop

When he remodeled the basement in his split-level Seattle house, architect Karlis Rekevics wanted a kitchenette in the new room adjacent to the patio; it would be handy for outdoor gatherings as well as for guests staying in the "mother-in-law" apartment the basement had become.

To avoid the space-stealing bulk of a traditional stove and sink, Rekevics dropped a four-burner cooktop and a stainless steel sink into cutouts in a slab of butcher block. A 2 by 12 lag-screwed to studs supports the overhanging edge of the counter; at the other end, the counter rests on a wall-hung 2-by-12 ledger. The space beneath the counter remains open.

JOSEPHINE COATSWORTH

Plastic disks save energy, water, chemicals

"Like swimming through flower petals"—that's how some have described swimming through this floating layer of white plastic disks.

After searching for a heat-saving pool cover that wouldn't have to be removed, Mary Rosen of Los Alamos, New Mexico, decided to custom-order 15 cubic feet of 2-inch-diameter styrene plastic wafers from a packing company in Albuquerque. (Many packing companies carry smaller disks and other styrene shapes.) In use in a 16- by 31-foot indoor pool for more than two years, the disks have reduced use of energy, water, and chemicals.

When undisturbed by swimmers, they spread out evenly across the surface of the water to form an insulating blanket that holds in heat. Because there is also less evaporation, the pool room stays less humid and more comfortable.

Lazy Susan spins contents of two-way drawer

The drawer in this pass-through sideboard is a pass-through in its own right: the drawer slides out through both sides of the counter. To further ease access, architect Judith Chafee of Tucson designed the flatware tray to sit on a lazy Susan inside the drawer. Cutlery spins into reach without having to pull the large, 40-inch-deep drawer out all the way.

Drawer sides are 1- by 6¾-inch vertical-grain fir dovetailed at the corners. The pass-through surface is white plastic laminate.

GLENN CHRISTIANSEN

BILL ROSS

Coffered ceiling starts with picture frames

When Carolyn Skendarian first thought of coffering a 500-square-foot ceiling in this remodeled Orange County house, she called carpenters for estimates. They ranged up to $5,000. But the picture frames she saw at a swap meet gave her a different idea, and she bought a carload—for less than $300.

For added texture she first nailed sheets of rough-sawn plywood to the entire ceiling. "Careful measuring is crucial," she says. "Measure the actual ceiling, not the floor; walls aren't always straight." Then she laid out the picture-frame scheme to scale on graph paper. Beginning in the center of the ceiling and working outward toward the walls, she nailed the frames to the plywood.

Approaching the walls, Skendarian cut the frames and pieced the last row of coffering together. Then she painted the entire ceiling white.

RUSS A. WIDSTRAND

Dressed-up knobs for a brass switch-plate cover

These rosette-patterned dimmer knobs are modified brass drawer pulls. Russell and Harry Wirth of Woodside, California, drilled out the hole in the shank of each pull so it would just fit over the shaft of the dimmer switch.

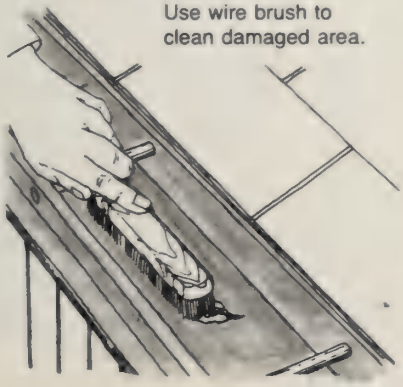
Clear silicone caulk holds the pulls to the shafts with a strong but not permanent bond.

Good rainy-day reading—but better before

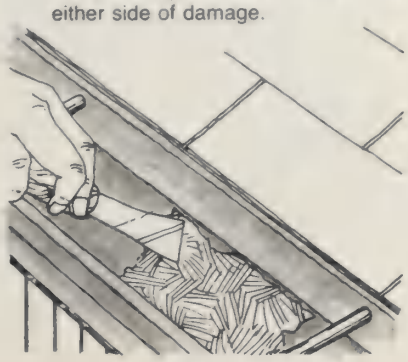
In October it's probably a good idea to let your mind drift into the gutter. In fact, making sure your gutters are clean and watertight can save you a lot of headaches later on.

Sunset's new book, *Do-It-Yourself Roofing & Siding* (Lane Publishing Company, Menlo Park, Calif. 94025, 1981; $4.95), shows how to install and maintain your gutters with simple repair instructions, as in the excerpts you see below. It also shows you how to install a wide variety of roofing and siding, from estimating and ordering materials to working safely when you're over your head. More than 85 color photographs give you ideas for using roofing and siding. A buyer's guide sums up the merits of each material.

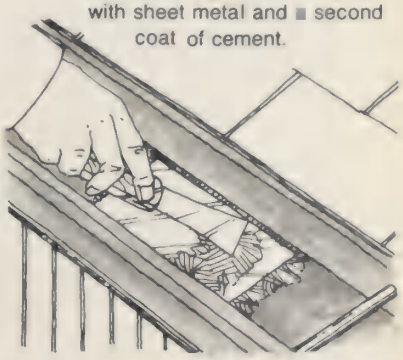
Repairing a gutter



Use wire brush to clean damaged area.



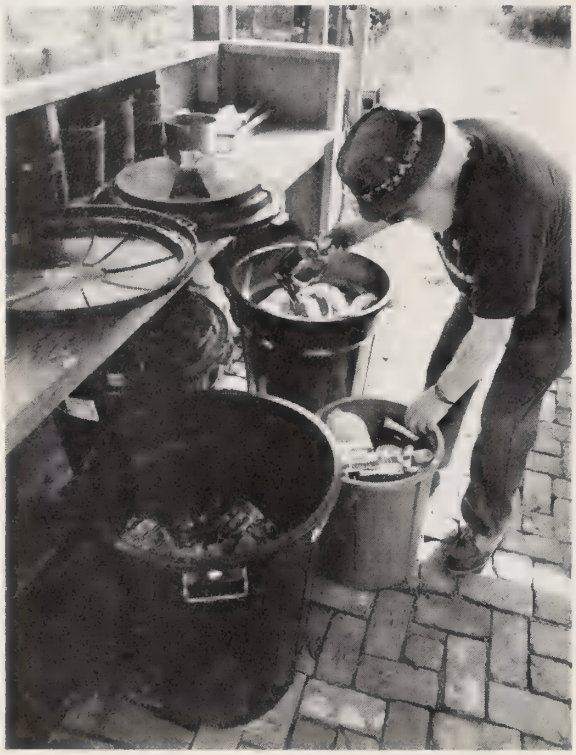
Apply roofing cement to 6" area on either side of damage.



For holes larger than ¼", patch with sheet metal and a second coat of cement.

MICHAEL THOMPSON

Battened *plywood walls, clapboard gable ends, scalloped shingles, and corner post detailing belie the hardworking practicality of the Lees' back-yard potting shed*



Recyclables *are carried from house in small plastic cans, then sorted and stored in large cans*

Kiosk for recycling, composting

This 10- by 10-foot pavilion behind Joe and Cleta Lee's house in Milwaukie, Oregon, keeps back-yard clutter organized and out of sight. The weatherproof shelter holds garden equipment and supplies, serves as a potting shed, and provides a way station for cans and bottles before they're transferred to a recycling center. Tucked away in the rear is a two-bin compost pile.

To mask what's inside but still allow ample ventilation, the side walls go up only 4 feet. A floor of used brick set in sand lets spills and hose water perk through. In one corner, an old utility sink is hooked up to the garden's water supply; it drains into a dry well that's made of chimney tile and gravel sunk into the floor. □

Open to air, *compost absorbs heat reflected by concrete-block wall*

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Alongside the stairs, *plastic-lined strawberry planters make a distinctive railing, produce a bountiful harvest*

DAVID STUE

Edging the deck, *long box full of lettuce and flowers brings blossoms and produce up into view from the house. Hidden tubing drains to ground*

Up he climbs, past berries, herbs, lettuce, flowers

Planters take the place of a railing around this San Francisco deck. Rising one story above the back yard, the 10-by 12-foot deck has planters on two sides to bring the garden closer to the kitchen. Here owners Bob and Margaret Simon raise vegetables, herbs, strawberries, and flowers.

Architect Karl Smith designed the planters to sit at waist level over a 2-by-8 frame resting on top of the perimete walls that hold up the deck. Smalle boxes edge the stairway down to th yard. The 1-foot-wide planters we built of 2 by 12's with a 2-by-4 cap.

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DAVID STUB

Southward extension *is big box (above) faced with fiberglass to admit solar radiation. On top is household hot-water collector. Inside solar box (right) are racks of interconnected heat-storing water drums*

"Solar box" for passive solar house heating

This unpretentious little fiberglass-faced room just might turn out to be a major passive solar innovation.

To redesign the south side of the Ron and Dee Spath home in Fort Bragg, California, for adequate passive solar heating would have involved complex and expensive structural work. Instead, designer Ed Sander built this self-contained "solar-box," jammed with drums of water to store a substantial amount of solar heat. A fan forces this heat into the house through a short run of ducting. (Such a system could readily adapt to preexisting heating ducting.)

The Spaths' solar collection room is attached directly to their house. But here is its interesting potential: such a structure might actually be detached somewhat from your house to collect and store solar heat if the house itself is fully shaded, or if a house remodel would not be desirable. The only real limitation is that ducting into the house would have to be well insulated and fairly short (20 feet or less) to avoid significant heat loss.

The add-on room you see here is 12 feet high, 14 feet wide, and 12 feet deep with a double layer of transparent fiberglass on the south to retard heat loss at night. (The other three sides are heavily insulated.) Inside the room are drums of water (plus some water-soluble machine oil to prevent corrosion), totaling 1,800 gallons, or about 15,000 pounds of heat storage. Since each pound of water absorbs and stores 62.4 BTUs of heat for each degree Fahrenheit its temperature is raised, a system this large can build up tens of thousands of BTUs over even a partly sunny day.

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DAVID STUB

As heat radiates *from stovepipe, tiny 5-watt ceiling fan blows it back down to the room*

Piping connects *heat-storing drums with water jacket around wood stove, adding more heat to storage system*

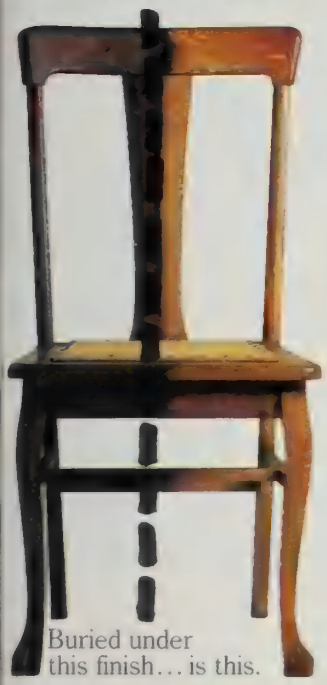
heat into the house when needed, retur ing cooled air through a separate du to the storage room for reheating. O hot days, a second blower moves any i door heat buildup into the storage roo where it is dumped outdoors. (The Spat draw heat from the system year-roun even in summer, their coastal clima produces cool days and cold nights. Whe a *Sunset* editor visited early one Ju morning, the outdoor temperature w hovering around 50°. But with the mor ing fog just lifted, the collection roo had already climbed to 80°.)

The storage drums get an extra boo from a wood-burning stove inside th house. Heat transfers into a water jack built around the firebox, then circulat to the drums. Ten 55-gallon drums a hooked together with radiator hose t allow them to share this extra heat.

As an extra touch of efficiency, he thrown off by the indoor stovepipe circulated gently into the room by small, virtually silent fan—instead rising toward the ceiling, where it's n needed.

A Formby's guide to the buried treasure in your house.

—**Homer Formby** 3rd generation restorer and refinisher

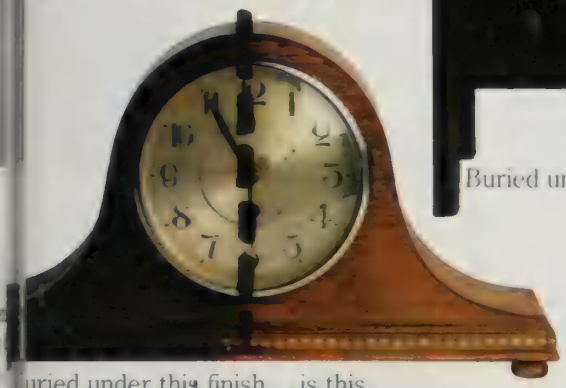


Buried under this finish... is this.

Buried under this finish... is this.

Buried under this finish... is this.

Buried under this finish... is this.



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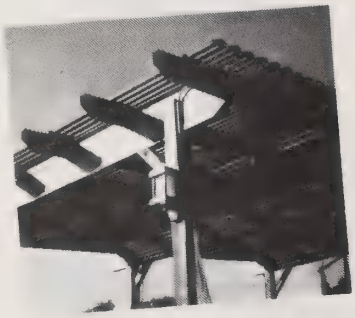

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Contact us for more information. We'll put you in touch with a nearby dealer.
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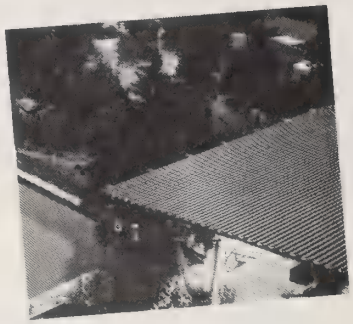

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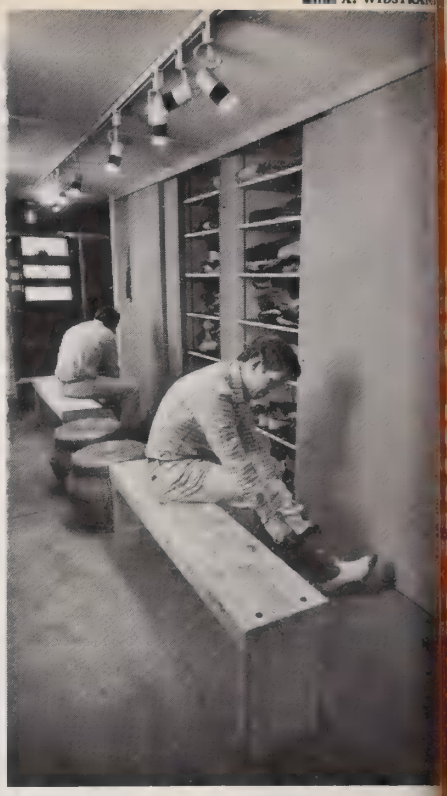

Locker-room bench *and clothes basket separate his-and-hers sides of this mirror-backed dressing area. It opens directly off tiled bath (below)*

Dressing room in the big closet

Walk-in closets can be popular selling points in today's new homes, yet they are not usually a very efficient use of space. In this 8-foot-square closet space, Beverly Hills architect Michael Rachlin combined efficient storage with a his-and-hers dressing area. He opened most of one side of the square to the adjacent bathroom, then mirrored the opposite wall. On the two remaining walls, he arranged conventional closets as well as shelf space from floor to ceiling. Sliding doors hide clothes from view. □

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DAVID STUBBS

Taking inventory *before* the fire/burglary/other disaster

It could help you recover your loss or settle with the insurance company

After the fire: *taking inventory is a formidable task. Without documentation, insurance company may not cover full loss*

Homeowner photographs *each room in her house from all four angles, then slips pictures and descriptions into a small inventory album*

DARROW M. WAT

If you're one of approximately 600,000 Westerners whose homes were broken into in the past year, you may feel a twinge of dread each time you unlock your front door. Will the television be there? The musical instruments? The sterling silver?

Or perhaps you've experienced the devastation of a fire, where smoke, water, and steam can damage as many possessions as the flames.

Those who've escaped these misfortunes might assume their insurance would cover the loss. But would it? What would happen if you were the victim of burglary, fire, or vandalism? Would you know right away what you own, what is gone, what it's worth? Could you file a substantiated insurance claim? What are the odds of recovering your goods or of having them replaced?

Law enforcement and security specialists feel that written descriptions, clear photographs, special markings on your valuables—all done in advance—increase

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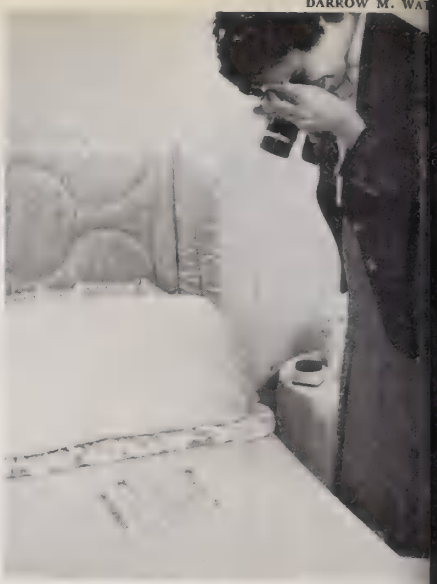
Lay out *silverware so that each piece is visible; dark background shows off pattern*



Group *a few pieces of jewelry on a plain surface; show as much detail as possible*

those odds. Insurance agents agree.

Making your own home inventory takes time but isn't difficult. Personal property inventory booklets, available through most insurance companies, might assist you. These list items owned by most families and have spaces for writing the year bought, the original cost, and present value. Some booklets allow for very little itemization; you may want to make more specific lists of your possessions.

Photographs: your best protection

Along with a written inventory, we recommend photographing whole rooms of your house, as well as individual pieces that are valuable or hard to replace.

Amateur photographers should be able to handle this job. Use color film, either for slides or prints. Slides have a long storage life, will fit in a safe-deposit box, and can be projected to show details (such as titles of books on a shelf). Prints are readily viewable and can be assembled along with descriptions in an album that fits in the safe-deposit box.

High-speed film should enable you to shoot indoors with daylight and household lighting. (If your rooms are exceptionally dark, use a flash attachment or tripod and cable shutter release.) Be aware of glare-producing objects such as mirrors, windows, glass-covered art work, and highly waxed floors. Try to stand at a 45° angle to the plane of the glare-maker or hold up a sheet between the object and primary light source.

For individual items, use a neutral-colored plain background and shoot so the item nearly fills the camera frame. You may want to shoot some things from more than one angle, and add a ruler or some other object for scale.

Videotaping your possessions is an alternative to still photography but isn't necessarily more valuable. Some appraisal

Show *back section and any label on valuable imported rugs*

companies are beginning to offer this service, or you can rent videotape equipment yourself. (Consider the security risk of having anyone come to your home to document your property.)

Once you've taken photographs, it might be smart to have them developed under a different name and address. Police say it's not unknown for a burglary to be traced to a photo lab employee.

Along with your photographs and inventory check list, you'll want to include detailed descriptions—and perhaps receipts—for some of your valuables. For stereo equipment, list the manufacturer, serial number, model, year of purchase and original cost. For antiques, list size, materials, style, country of origin, inscriptions, damage, repairs or changes, where and when bought. A piano description might read: "Heintzman upright grand piano, mahogany case, #99303, made in Toronto 1958, bought in San Francisco in 1960 for $1,610, excellent condition, 50½ inches tall."

Is your insurance adequate?

Once you've assembled a personal property inventory, you'll be better able to

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evaluate your homeowner's insurance. The standard homeowner's policy covers a house's contents for up to half the face value of the policy. If your $150,000 house is insured at 80 percent of market value for $120,000, its contents are insured up to $60,000.

While at first that may sound generous, there are some very important limitations on high-value and high-risk items. Generally, the maximum you could collect for loss in any one incident is $500 to $1,000 *total* on silverware, goldware and pewterware; $1,000 on manuscripts and guns; $500 on jewelry, watches, and furs; $500 on passports, tickets, securities, deeds, and stamps; and $100 on coin collections and cash. Although most companies don't limit antiques and art at current replacement costs these might use up all of your coverage.

On the standard policy, an insurance company seldom pays full value in the event of a loss. Instead, most pay on the basis of replacement cost minus depreciation. Say you paid $500 for a couch six years ago and a similar couch would cost $1,000 today. The company might estimate the useful life of the couch at 10 years and pay you $100 a year for the remaining four years of life.

As a result, many homeowners have turned to replacement-value policies which eliminate depreciation. While such policies still have limitations or certain items, most goods will be fully replaced or recompensed at current value up to four times the original cost. (Antiques and other irreplaceable items are often excluded.) For this type of coverage, your premium might be 10 to 40 percent more than the standard policy.

What about increasing coverage on silver, jewelry, and other valuables?

You can have your agent add a personal articles floater or rider to your present policy. This involves "scheduling" specific items—filing a precise description and bill of sale or professionally written appraisal less than three years old. The appraisals are used to compute the premiums on additional coverage and to determine value in case of a loss. (Some companies have a limit on total unscheduled property per loss, which may be less than 50 percent of the homeowner policy's face value.)

Floater premiums vary, but these are sample yearly rates per $100 of value: cameras and projectors, $1.65; furs, 50 cents; jewelry, $1.50; silverware, 30 cents; art, 3½ cents; antiques, 7 cents; coin collections, $2.40; and pedigreed dogs, $12. You can often get lower rates on items kept in a bank vault.

Scheduled items generally have no deductible and are covered throughout the world against all risks. If a stone falls out of your ring, the standard homeowner's

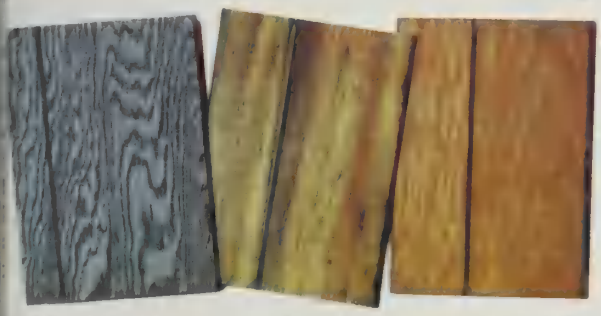
PANEL DISCUSSION

THE CHAMPION APPROACH TO WALL PANELING.

A wall panel is a wall panel is a wall panel.

Right? Wrong.

Champion® would like you to know there's a little more to wall paneling than just what meets the eye. Of course, what meets the eye *is* very lovely. And unique.

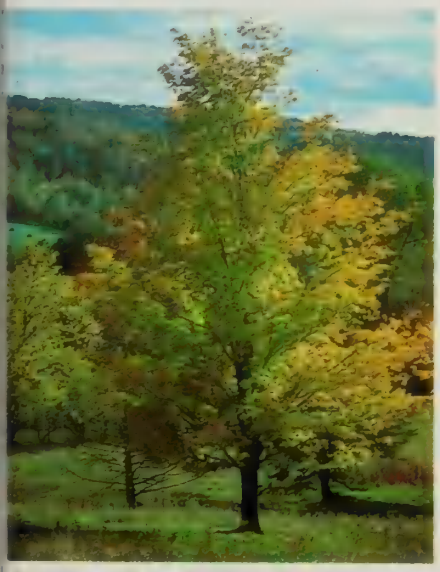


Paneling has a special quality that can add a certain warmth, a natural beauty to any room. But how do you know which wall paneling is right for you? Here are the answers to the questions most people ask.

What Are the Different Types of Wall Paneling?

Wall paneling comes in genuine hardwood, genuine softwood and woodgrain reproductions.

The most costly is genuine hardwood. Why? Because here, only the most beautiful hardwood veneers are used. And at Champion, each is handpicked. Genuine hardwood is the closest feeling to having the great outdoors inside your home. Just as no two trees are alike...no two panels are exactly alike, either. This gives each panel a fresh, unique look that blends together into one beautiful room.

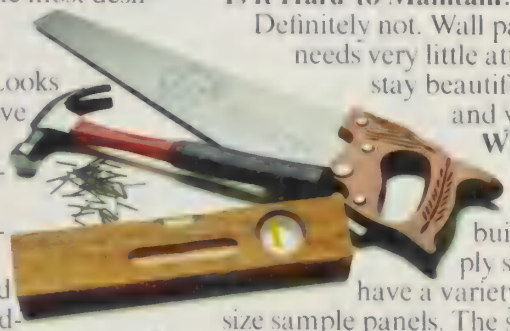


Champion has a broad line of genuine hardwood panels from the top-of-the line Craftsman® II, through the Artisan® line, down to the moderately priced Hillside® and Woodglen® lines.

Then there's genuine softwood paneling. It has a more rustic look than hardwood. You can see the deeper textures...feel the abraded surfaces that give softwood panels their weathered look.

Champion calls their softwood panels— "Country Place."®

Or choose an exciting woodgrain reproduction. Only the most desirable woodgrains are printed on either plywood or hardboard. Looks like the more expensive paneling but has a price the budget conscious will enjoy.



Champion's woodgrain reproductions on plywood are called "Concepts."® On hardboard they're called "Expressions."®

What Are the Different Uses of Wall Paneling?

Wall paneling is extremely versatile. Many people panel a whole room to surround themselves with the warmth of wood. But there are numerous other ways to work with wall paneling, as well.

For instance, mix and match paneling with other wall coverings. With paint. Or wallpaper.

Or consider paneling as a room divider. Or to surface built-in furniture. Use it to compliment *any* furniture. Modern, traditional or contemporary. Use wall paneling on your ceiling. It's an innovative way to complete the look you want.

Is It Hard to Install?

Do-it-yourselfers will find wall paneling a pleasure to put up. All you need are common carpentry tools and a set of instructions.

Is It Hard to Maintain?

Definitely not. Wall paneling needs very little attention to stay beautiful for years and years.

Where Is It Sold?

Any building supply store will have a variety of full size sample panels. The store will be happy to help you make a selection and even help you with the installation, if you need it.

If you'd like to know more about wall paneling, Champion has put together a complete new 26-page booklet called "Decorating with Wall Paneling."

Just send $2.00 to: Champion International Corporation/P.O. BOX 10200/ Stamford, CT 06921.

And you'll discover all the beautiful, creative things wall paneling can do for a room.

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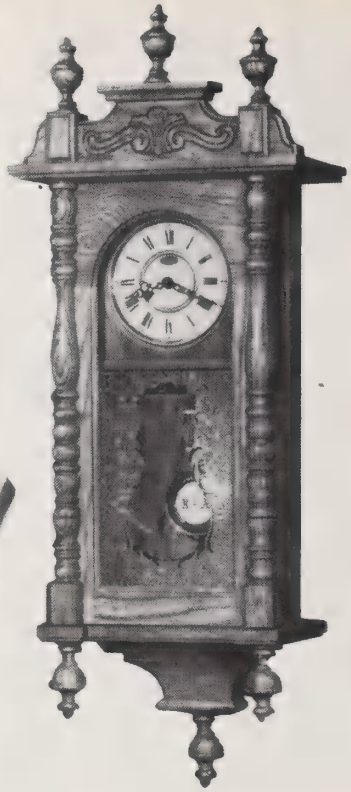

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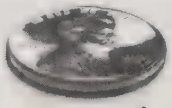

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MARGARET W. PETERSON

Hallmarks *will help determine the value of the silver mug; hand gives scale*

policy would not cover it; a jewelry floater would.

Replacement payoff policies vary: some companies will replace the items themselves, some will give you a check. If you haven't spent the insurance payment in a given length of time, it may be taxed as capital gain. Consult your insurance agent or accountant for details.

Evaluating your valuables: a qualified appraiser can help

If your home inventory convinces you that additional insurance is appropriate, you'll need to find an appraiser. Appraisers are professionals who are up to date on current prices. Most have extensive libraries with auction catalogs and appraisers' blue books to help them determine values.

While the trend is toward specialization, it's still possible to find general appraisers who will come to your home and document whatever contents you want appraised. Usually this involves 2 to 6 hours of work; the appraiser moves from room to room, measuring, examining, and taking notes or talking into a tape recorder. He researches difficult items and later sends you an official document with descriptions and values for the things you own.

General appraisal fees run from $50 to $150 an hour including travel time and sometimes research time. Other appraisers charge according to the number of items; still others have a base fee plus 1 or 1½ percent of the total appraisal.

If you have only a few items to be appraised, you might be better off taking them to a store or gallery. Fees vary wildly: one jeweler quoted $10 an item, another $40, and a third had a $75 minimum. Stores may advertise "free appraisals" in newspapers, but typically these aren't in writing.

Finding a reputable, qualified appraiser may take some research. Your insurance company may have a recommendation, as may friends. One couple we spoke to went to a nearby city and looked at antique stores until they found one with the kind of furniture they themselves owned. The dealer's recommendation

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DARROW M. WATT

Book values *are sometimes estimated by the running foot*

suited them well.

You could also check the yellow pages under Appraisers, especially those mentioning insurance or personal property. (Probate, divorce, and insurance appraisals all provide different values, taking into consideration whether or not liquidation may be necessary.)

Ask appraisers about their backgrounds, qualifications, areas of expertise, and fee structure. There is no government licensing for appraisers, but associations such as the Appraisers Association of America and the American Society of Appraisers provide periodic courses and attempt to establish members' expertise and ethics. Many appraisers are active auctioneers, which helps them stay current on prices.

To keep charges down, carefully consider what you want appraised. Items covered by a standard policy may waste an appraiser's time. For instance, a few silverplate pieces would be covered under the $1,000 limitation. Having them appraised and scheduled might amount to paying for double coverage.

How accurate are property appraisals?

How accurate are property appraisals? We had two appraisers do the same household and, while they agreed on a number of items, on several there were discrepancies of up to 30 percent.

Said one homeowner, "We felt there were some errors in the appraisal report and certain items seemed high or low, but we figured it all balanced out." One highly recommended appraiser admits, "Our profession isn't an exact science. It changes day to day."

Many homeowners are surprised to find out what their possessions are worth. On one appraisal that we observed, a woman brought out a small silver mug (pictured on page 136) that she'd purchased at a garage sale for $1. "I thought it might be sterling and I liked the shape," she said. Not only was it sterling, but after research the appraiser dated it circa 1697 and valued it at $1,500.

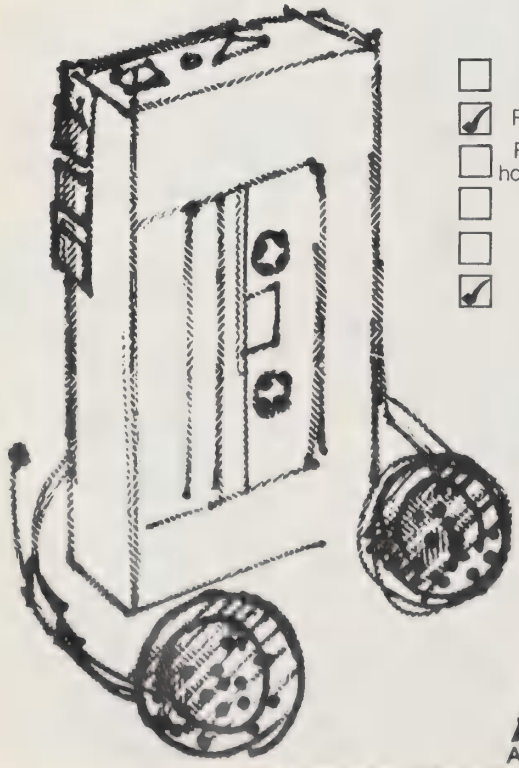
Of course, this is an unlikely situation, but even the value of your own household goods might surprise you. If you don't need a professional appraisal for insurance scheduling, you may still want to estimate value on things you own. Watch newspaper ads or spend time in department stores checking today's prices against your inventory list. Ask your reference librarian for price guides, auction records, and catalogs.

Once your inventory is complete, store it away from your house in a safe-deposit box, with a copy in your office or with your lawyer, accountant, or insurance agent. Fire is an obvious hazard, but if burglars were to find a copy, it would surely make their day.

Updating your inventory once a year is recommended, and doing so every three years is required by insurance companies. (Often appraisers will do this for a set fee without reseeing all the items.) The first inventory is the hardest, but by tackling the job now, you save yourself a more painful task later, and will almost certainly collect more insurance money, should you have a loss. □

Some people go part of the way.

(Check it out)



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So food tastes more flavorful and looks as good as it tastes.

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Whether it's an apple pie with that golden-brown crust, or a crisp pizza with everything on it.

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Sharp's microwave oven is unbeatable for foods like fish, vegetables, lasagna and frozen foods.

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It's the only microwave oven in the top five that turns the food so you don't have to.

Which means you won't have to worry about being a microwave oven attendant.

Or even worse, about "hot and cold spots" that can give you unevenly cooked food.

That's a problem that most oven manufacturers don't talk about.

But with Sharp, it's no problem. You get perfect cooking everytime.

IT'S AN UNBEATABLE COMBINATION.

Sharp's new convection microwave also works together to give roast beef or poultry the perfect 1-2 combination.

For instance, you can start with Sharp's convection oven, which seals in all the juices and lets you brown and crisp the outside.

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The new Sharp convection microwave oven (Model R-8310).

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Before. *Large concrete patio led visitors to a covered walkway and dark, narrow entry with no view to the outside*

WILLIAM HELSEL

Carved *post and beam show Japanese influence. Dowels secure post to beam. Rock set in concrete has rod running 8 inches into the post. Copper banding around post prevents splitting; rock raises it to avoid water damage*

After. *Dark line in the walkway is channel for slow-moving recirculating stream between two small ponds. New entry has long window wall, widened interior hallway (right) that flows outward at patio-perimeter bench*

Oriental entry court . . . instead of narrow dark walkway

Pushing out a wall to the eave line was the key to a remodel that converted a drab, '50s ranch house in Piedmont, California, into a handcrafted home with an Oriental entry court. Before designer/builder Daryl Rush began the transformation, the house had a dark and undistinguished north-facing entry hall. The new wall of fixed and sliding glass panels opens the no-longer-gloomy interior of this entry space to the relandscaped entry courtyard.

The handcrafted look starts with the new eave that Rush, a student of Japanese woodworking, added to the courtyard façade. The underside of the eave is patterned with textured redwood plywood and pairs of rough 2 by 4's and decorative 1 by 1's that all rest on a 4-by-8 beam hand-carved with a Japanese draw knife. The wide-mouthed posts supporting the beams started out as recycled fir 4 by 6's but were cut down to 4-by-4 dimensions below the notches.

Below the new eave, a narrow bench/deck (called an *engawa*) provides informal seating areas for garden parties held by owners Emily and Edward Chan. Large, flat river rocks form steps to bring guests to the new front door. □

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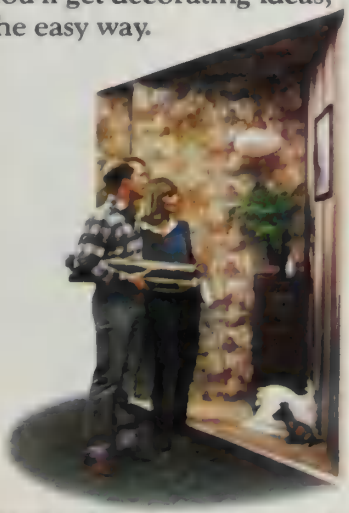

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NORMAN A. PLAT

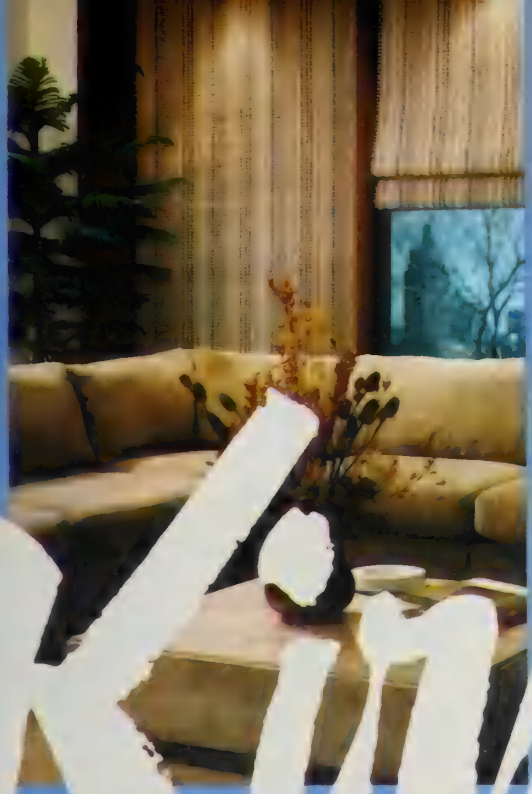
Outside, *you see slight convex bulge of acrylic dome above front door*

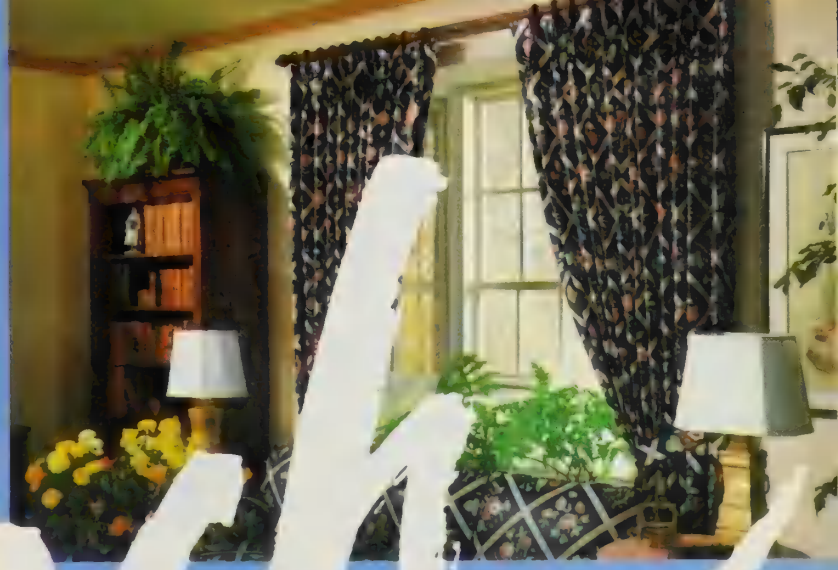
Inside, *a row of panels turns central corridor into a tunnel of light*

Skylight makes a tunnel of light

Highlighting the spine of this house in Point Reyes, California, is the arching transparent skylight you see above. Architect Martin Wander used the house-long vault to let daylight flood through the house from the middle. This accentuates the floor plan, which is designed so that all rooms open onto the central corridor.

The ribbed skylight panels used here are sold commercially. Their double-pane configuration (two thicknesses of acrylic sheet) reduces heat loss—a concern of Wander's clients, Gil Cohen and Paul Gervais. ◻





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PETER O. WHITELEY

Boxed-in refrigerator *angles across corner. Heat of motor vents through holes in top cupboards*

Touch-release catches *open the birch plywood doors to triangular storage spaces flanking refrigerator*

Angling the fridge did it

The classic kitchen triangle—from sink to refrigerator to cooking surfaces—was difficult to establish efficiently in this remodel. The problem was the refrigerator: "It just didn't fit anywhere," says designer-builder James Fey of Lafayette, California.

Angling the refrigerator across a corner between two short walls solved the problem. It shortened the triangle and blended the refrigerator into the cabinetry. Owners Heather and Curt Schoeneman of Piedmont, California, use the storage spaces at each side of the refrigerator to garage small appliances. □

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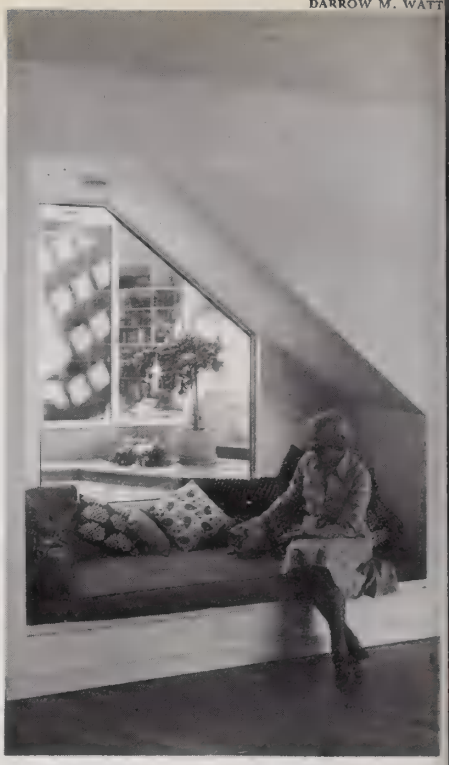
DARROW M. WATT



Sloped ceiling *of seating - sleeping alcove is really the bottom of a stairway. Note reading light at upper left*

Seating alcove tucks in under the staircase

What can you do with the space under a stairway? San Francisco architect William Turnbull offers a distinctive solution: turn it into a place to sit, as he did for the Allewelt family of Modesto, California. In their house, a Merit Award winner in A.I.A.-*Sunset* Western Home Awards (see page 74), the seating alcove became an important part of the family room.

Turnbull took advantage of the staircase's slope by using it as a dramatic ceiling for the space below. To give the retreat a pleasant sense of openness, he added a single big window in the shape of a rectangle with one corner shaved off —mimicking the shape of the alcove itself.

The alcove is 6 feet wide, 3 feet deep, and 6 feet high and contains a rectangular platform covered with a foam pad. Pillows scattered along the 6-inch stretch of wall between the top of the foam pad and the bottom of the window provide a backrest. Overhead lighting makes evening reading possible.

In a pinch, the window seat can double as an extra bunk. □

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GLENN CHRISTIANSEN

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Glossy surfaces, daring angles... the entire bedroom flows together

Everything is built in in this bedroom addition. Portland designer Martin Davidson with Joseph Readdy built the pedestal bed with headboard corner settee and plant counters as one solid unit for Rick and Lee Waller.

The high cost of ready-made units of similar style and high-gloss finish forced Davidson to this remarkable cost-cutting solution. The unit you see at left is made of well-glued and well-reinforced ¾-inch particle board covered with body putty used to fill car dents. Davidson puttied the entire unit, and then sanded it to a smoothness you couldn't achieve on wood.

He then applied acrylic enamel with a roller and buffed the final coat. The final surface is as shiny as a new car.

Built into the headboard are a telephone, reading lights, and controls for other lights in the house. □

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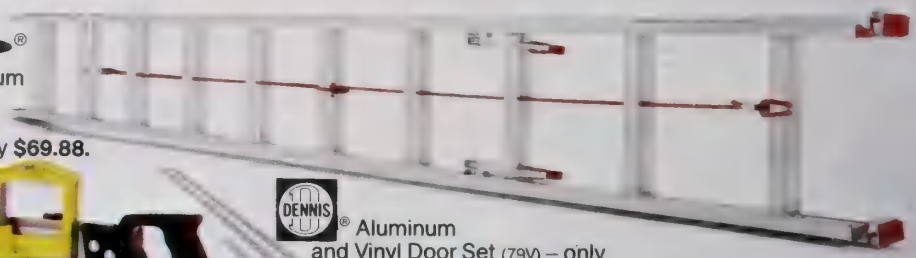

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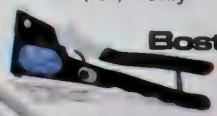

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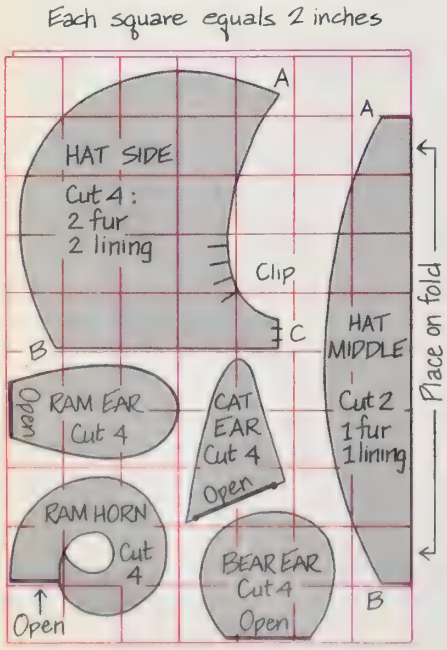
DARROW M. WATT

Stuffed bear, cat, and ram *finish their Halloween treats. Their furry bonnets can be made in a couple of hours and worn throughout winter*

In their furry Halloween bonnets



Draw grid *on large piece of paper, transfer shapes, and cut as directed in text*

More friendly than ferocious, these snuggly bonnets might be just the thing for a night of Halloween trick-or-treating. One size fits children 3 and older—it even fits many adults. The sewing is easy—what's hard is getting children to take the hats off.

To make one of the animals we show, or a similar creature that you design, you'll need about ⅓ yard of fake fur (at least 45 inches wide), ⅓ yard lining (cotton or felt or scraps you have on hand), and 24 inches of wide, bright ribbon. The insides of the bear and cat ears require another small piece of white fur or felt. The ram's horns and its outer ears take about 6 by 26 inches of black felt and a little stuffing. The cost per bonnet will be about $8.

Transfer the pattern at left onto a large sheet of paper. Fold the fur in half, right sides together, and cut out the large shape for the hat side, using the part away from the fold. Open the piece of fur, refold it lengthwise, place the narrow pattern for the hat middle on the fold, and cut. Repeat for the lining.

Then cut out the ear or horn pieces for the animal you've chosen.

Baste the narrow fur hat piece between the larger fur pieces, matching points A and B. Machine-stitch (allowing ½-inch seam). Repeat for lining. Place lining over fur, right sides together; cut ribbon in half and sandwich one end of each piece at points C. Machine-stitch all around the edges, leaving a 5-inch opening at the neckline for turning right side out. Clip curves where marked, invert, and topstitch all around the edge.

Machine-stitch ears, right sides together, leaving bottoms open. Turn inside out and hand-sew onto the bonnet at about the locations shown in the photograph. Stitch the ram's horns on the edge of the felt; *don't* turn inside out. Stuff the horns and hand-sew them onto the bonnet with heavy-duty thread or dental floss. □

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DAVID STUBBS

Intersection *of column and overhead beams marks the corner of old kitchen. Pitched ceiling covers former back porch*

New island and 4 extra feet make all the difference

Pushed-out walls and a new multi-use cooking island give this remodeled kitchen in San Francisco a greater sense of openness.

Originally, the kitchen adjoined a back porch and pantry. To give owners Connie and Bob Elliot more space, architect Karl Smith removed interior partitions to extend the south and west walls 4 feet. A structural steel column marks the southwest corner of the old kitchen and, with two tall box beams, supports the floor above.

The column runs through a rectangular cooking island that separates the workspace from a dining area. The work side of the island, pictured below, is waist high and contains a gas cooktop and storage for spices. The dining side rises 8 inches higher to form a buffet. It contains drawers, cabinets, a display shelf, and room for cook books. □

Split-level *counter provides extra space for spice bottles; it screens cooktop from eating area*

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On low-slung ledge, *house plants thrive in north light. Aluminum-frame windows slide open for ventilation on warm days. Tableware is stored in four shallow drawers in buffet*

DARROW M. WATT

Low window row lights up low pot row

Along one wall of this remodeled dining room in Pacific Palisades, California, shin-to-hip windows serve several purposes. They create space below for displaying assorted plants, let in added light, and leave space above for a buffet.

Hung on L-brackets bolted to the wall, the 18-inch-wide custom-built buffet stretches across the 10-foot width of the room. It has four drawers for storing flatware and placemats, and electric outlets for plugging in warming trays. The buffet top is plastic laminate.

The 9-inch-wide plant shelf below rests on a base built of Douglas fir 2 by 8's, stained dark to match window frames. For protection, the shelf and pot saucers are coated with polyurethane.

Architect Carl Day of Santa Monica designed the remodel. □

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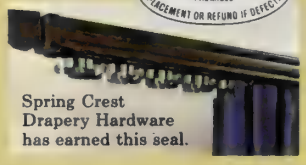

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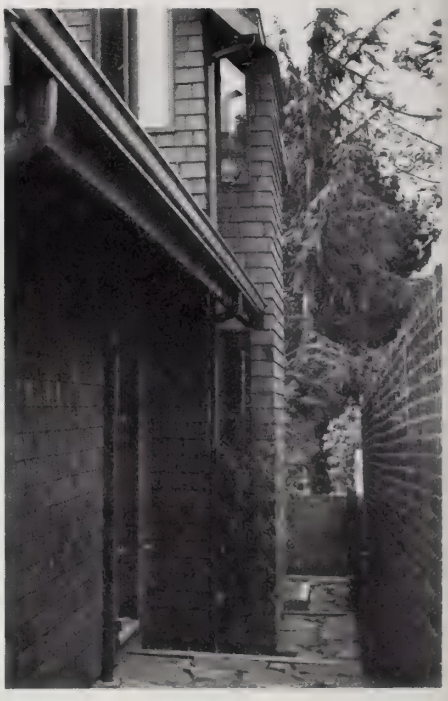
DON NORMARK

Shingled *to match house, two-story niche adds space upstairs and down*



Pop-out adds two-story space

What did adding a 2- by 6½-foot extension do for this house? In a small upstairs bedroom, it let a headboard and night stand move back just enough for easier maneuvering, and it let in welcome daylight from a skylight and two narrow new windows. Downstairs the niche provided a naturally lighted space for a prized Oriental chest.

Architect Carol Bain of Mercer Island, Washington, designed the remodel for Dr. and Mrs. Harry Kettering. □

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ROB SUPER

Easel under glass: *transparent north face of new studio makes it possible to work without artificial light. Ridge beam supports offset ceiling slopes*

Add-on studio gets natural light from sloping skylight

The old masters would have liked this studio addition. A north-facing glass roof floods the rectangular space with natural light, making it an ideal place to paint, make pottery, and use as an art gallery.

Berkeley architect Ron Senna designed the new 12- by 14-foot room to replace an old screened porch at the back of Ann and Russ Andersen's house in Piedmont, California. He pushed the wall out 5 feet, tied it to the old house with a sloping 8- by 14-foot tempered glass skylight, and added French doors leading to dining room and garden. Two new beams support the peaked roof: one above the garden doors, and one along the top of the skylight.

The old back porch had a low, flat ceiling. "If I had left the flat ceiling in," says Senna, "it would have divided the studio into two spaces: high on the skylight side and low on the other. We wanted a single space with a feeling of openness —so I angled the old ceiling to complement the slope of the skylight without breaking through the roof."

Senna placed a butcher-block counter with a sink against the south wall. Track lighting under the central beam spotlights art displays along south and east walls. Outside, brick veneer, small-paned windows, wood trim, stucco walls echo the traditional detailing on the rest of the house. □

Studio skylight *pops above shingles to prevent roof runoff from draining over glass*

GLENN CHRISTIANSEN

Visitors preview artwork *by architecture graduates at the Philippe Bonnafont Gallery in San Francisco's North Beach. Building was originally an indoor boccie ball court*

The art of the architect . . . galleries, museums, exhibits

What makes architects' art different from other artists' work? Although there is much overlap, an architect's training is usually reflected in his or her focus on volume and structure, and the resulting work is usually tightly tied to the real world—or to a strong, personal vision of what the real world should be.

Increasingly, such art is catching the public eye. Famous and not-so-famous architects' drawings, paintings, and sculpture are being shown and sold at several museums and galleries in the West. At such exhibits, you may find architectural plans and models, photographs, renderings of decorative details, conceptual drawings for buildings never to be built, travel sketches, cityscapes, and idealized landscapes.

In addition to such shows, for those who would like to keep informed about the state of the art in architecture, there are lectures, museum events, architectural tours, and specialty bookstores.

Here's a sampling of current and upcoming architecture-related events and attractions in the Northwest and California:

Browsers *are welcome at Peter Miller's architectural bookstore in Seattle*

SEATTLE

Peter Miller Books, 1900 First Avenue, sells books and magazines on architecture and design exclusively.

PORTLAND

Augen Galleries, Inc., 1023 S.W. Yamhill Street, has frequent exhibitions of architectural art, including works by Kunito Nagaoka, September 15 to October 17. Call (503) 224-8182.

BERKELEY

U.C. Berkeley College of Environmental Design has a free fall lecture series on Wednesday evenings at 8 on campus. For a schedule, call (415) 642-4942.

SAN FRANCISCO

The Art Institute, 800 Chestnut Street, hosts free lectures Monday evenings at 8:30 by architects and theoreticians invited by Western Addition, a San Francisco organization devoted to fine architecture. Call (415) 771-7020.

Galleria Design Center, 101 Kansas Street, is the site of a series of Tuesday evening talks at 8 by internationally known architects. Cost: $7. Dates: October 6, 13, 27 and November 10, 17, 24. Call (415) 863-8800 or 362-7397.

Museum of Modern Art, Van Ness Avenue at McAllister Street, will show large drawings and models by Louis I. Kahn, October 22 through December 6. Hours are 10 to 6 Tuesday, Wednesday, and Friday, 10 to 10 Thursday, 10 to 5 Saturday and Sunday. Call (415) 863-8800.

Philippe Bonnafont Gallery, 478 Green Street, has scheduled drawings and prints of chairs by Paul Harcharik, September 16 to October 31; drawings and sketches by Southern California architect Roland Coate, October 1 to 31; oils and watercolors by Keith Wilson and 18th- to 20th-century European architectural drawings, November 4 to December 31. Hours are 10 to 6 Tuesday through Saturday. This is the only gallery in the West that shows and sells architectural artwork exclusively. Call (415) 781-8896.

William Stout Bookstore, 17 Osgood Place, deals exclusively with architecture-related books and magazines, occasionally displays architectural art. Hours are 11 to 4:30 weekdays, noon to 5 Saturday. Call (415) 391-6757.

SAN DIEGO AREA

La Jolla Museum of Contemporary Art, 700 Prospect Street, La Jolla, will showcase 80 works by Christo, the environmental sculptor known for his *Running Fence* in Sonoma and Marin counties. Dates: November 21 through January 3. Call (714) 454-3541. □

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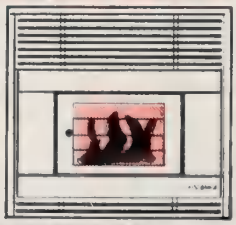

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NORMAN A. PLATE

Four steps *between kitchen and living room cover storage bin for kindling. Hinged tread under her foot lifts up for access*

Storage hiding underfoot

A hidden storage area lies under these stairs designed by owner-architect Howard Menashe of Berkeley. One of the treads is hinged and lifts up like the lid of a box. Inside is a space the width of the stairway and 3 feet deep at its deepest. It's large enough to hold a few days' supply of kindling for the nearby living room fireplace.

The under-stair space could be made more accessible by hinging the lower treads as well. □

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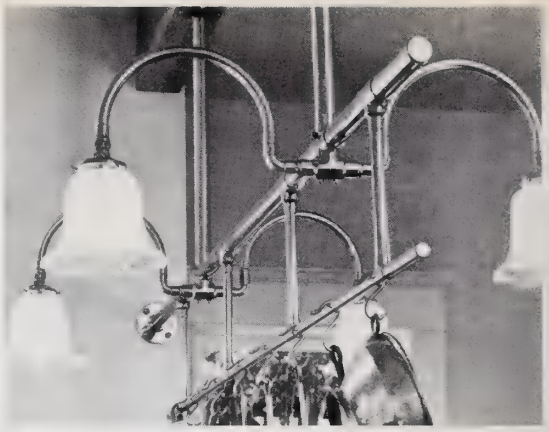
NORMAN A. PLATE

Rounded end of peninsula *has work surface 5 feet in diameter. At left is sit-down counter with double sink on opposite side*



Chandelier - pot rack *has lacquer finish. Epoxy, brass pop-rivets, and bolts—not brazing—were used to hold it together*

Copper T-joint *in butcher-block top becomes unusual but handsome electric outlet*

Laminated pieces *of oak veneer plywood make up the curved cabinet doors*

Remodeled kitchen combines old and new

The glint of copper and the warmth of oak and maple make an 8½-foot-long peninsula the focal point of this remodeled San Francisco kitchen.

Like the rest of the remodel, the peninsula combines old and new. A large recycled sink is set in 2½-inch-thick maple block salvaged from a restaurant work table. The new parts are oak-framed drawers below the sink, a lowered snack counter on the other side of a raised splashboard, and the rounded storage cabinet at the peninsula's end.

The high-ceilinged kitchen occupies the former space of three small rooms and a dark interior hall. Designers Chip Lord and Curtis Schreier replaced one bearing wall with the room-spanning 6-by-14 beam above the peninsula.

The combination pot rack and overhead light that hangs from this beam looks like an elegant antique, but Lord and Schreier assembled it from standard off-the-shelf copper pipe and fittings (the curved pieces were bought already bent). They used both ¾- and 1½-inch pipe with reducing T's to make the transition from larger to smaller elements. Brass flanges mounted to the overhead beam and side wall secure the pot rack.

Electricity for the four lights runs in wire brought up through the side wall and into the large copper pipe. □

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NORMAN A. PLATE

Old-fashioned idea *built into new hallway cupboards: a 30-inch-wide board for folding towels and linens*

Pull-out for laundry folding

Pull-out cutting boards are common enough in the kitchen, but it's a surprise to find one in a hallway, where Susan and Jim Carruthers have theirs. But this one isn't for slicing bread—it's for folding and sorting the laundry.

For a linen closet, the Carruthers use two levels of room-high cupboards built into one side of this hallway. The pull-out board, a 30-inch-wide piece of ¾-inch birch plywood, sits in a ⅞-inch-high opening cut in the cupboard frame between the upper and lower doors.

When the board is pulled out to make an 18½-inch-deep work surface, the weight of the laundry tilts the back of the board upward against the bottom of the cupboard and locks it in place.

To prevent the board from being pushed all the way into the frame, architect Peter Rodi of San Diego's Designbank capped the end with a ¾- by 1-inch piece of birch that extends ½ inch beyond each end of the board. □

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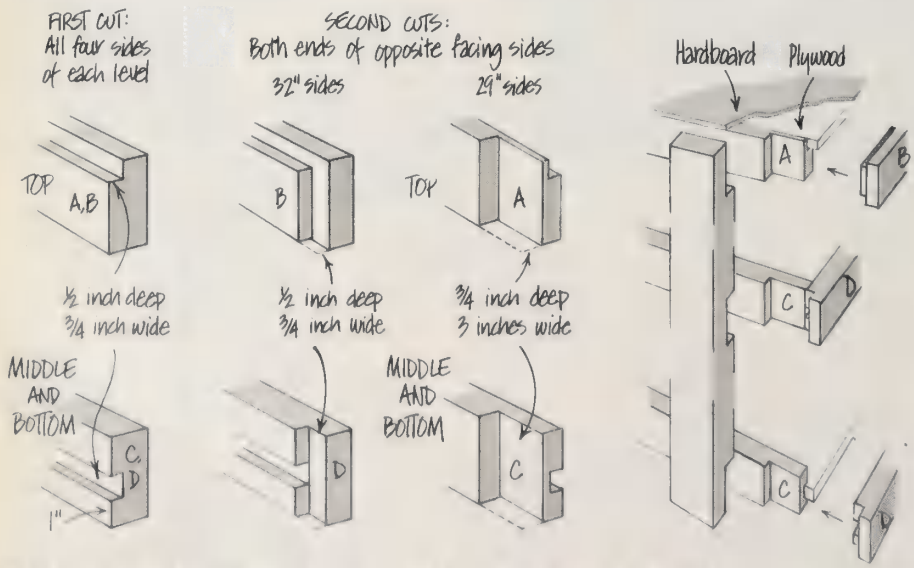
PETER O. WHITELEY

Trilevel feeder table *catches wood coming through saw; lower shelves hold supplies*

Feeder table for a table saw ...also a storage table

Balancing a long piece of wood while you cut it on a table saw is a lot easier with a feeder table. With one, you don't have to worry about the board tipping away from you as you push it past the blade—the feeder table acts as an extension of the table saw. The sturdy one shown above has the bonuses of two shelves for storage and casters so it can roll freely. It was built in a day and cost about $40.

Basically, the table consists of three 32-inch-square boxes built of 2 by 4's with ¾-inch plywood dadoed into their sides. (Four casters mount to the bottom box.) The boxes are locked securely in place



Dado blades *make all the cuts in the 2-by-4 frame pieces. The ¾-inch plywood for the top shelf fits flush with the top edges of the 2 by 4's marked A and B*

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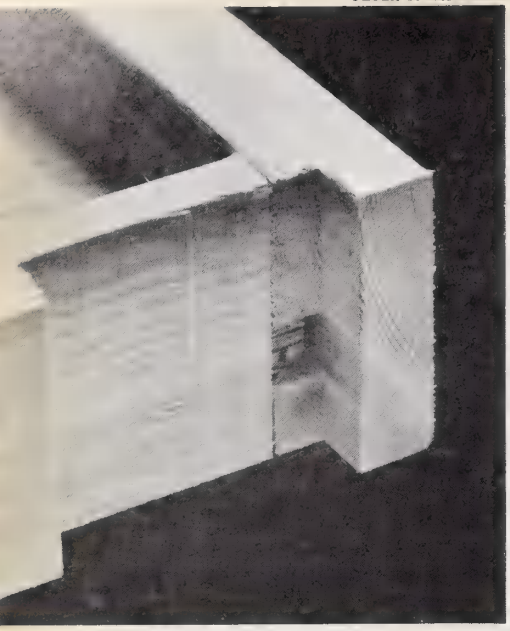


Cuts *in adjacent corner pieces form lap joint for 2-by-4 legs. Legs will mask the dadoed groove for plywood shelf*

by four legs, each with end-lap joints at top and bottom and a cross-lap joint in the center. The boxes have two dadoed grooves cut halfway through the four corners as pictured above.

To build the table, you'll need three 30-inch-square pieces of ¾-inch plywood; one 32-inch-square piece of ¼-inch tempered hardboard for the top; six 29-inch and six 32-inch 2 by 4's for the box sides; four 36-inch 2 by 4's for the legs; 4 heavy-duty full-swiveling casters; and a set of dado blades for your saw.

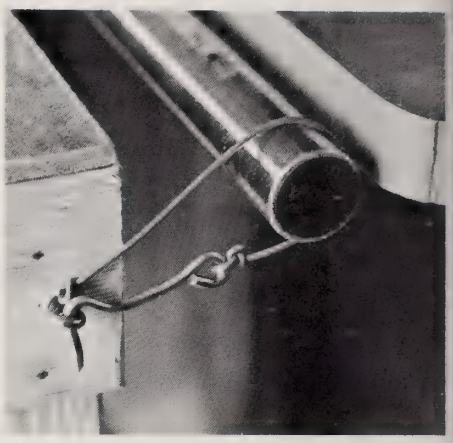
Start by dadoing a ½-inch-deep by ¾-inch-wide groove in the 12 side 2 by 4's for the boxes. (Two boxes have the groove 1 inch from the bottom, and the top box has it rabbeted at the top edge.) Using the sketch on the previous page as a guide, complete all end cuts.

Next mount the casters to one piece of the plywood about 3 inches in from each corner. Loosely assemble the bottom box, checking that the groove for the plywood is deep enough for all pieces to fit together securely and that the total width of the cross-lap joint in the corners is 3½ inches (the true width of a 2 by 4); see upper left photograph. If everything fits, glue and nail each box together.

The legs of the table should put the top (covered with the hardboard) ⅛ inch below the top of the table saw. To determine the legs' exact length, measure the height of your table saw and subtract ⅜ inch (¼ inch for the hardboard plus the ⅛-inch difference) and the distance from the ground to the bottom of the lowest shelf frame (allowing for the casters).

Cut the legs to length, then cut the lap joints in the legs and assemble the table, checking again that the table is ⅜ inch below the top of the table saw.

Nail, screw, or bolt the table together; complete it by tacking the hardboard to the top. Use ½-inch brads so you can easily replace the top if it should get gouged or damaged over time. □



Modified hook-and-eye *keeps table from sliding away from saw as wood slides onto feeder table. Tempered hardboard covers top level to let work slide smoothly*

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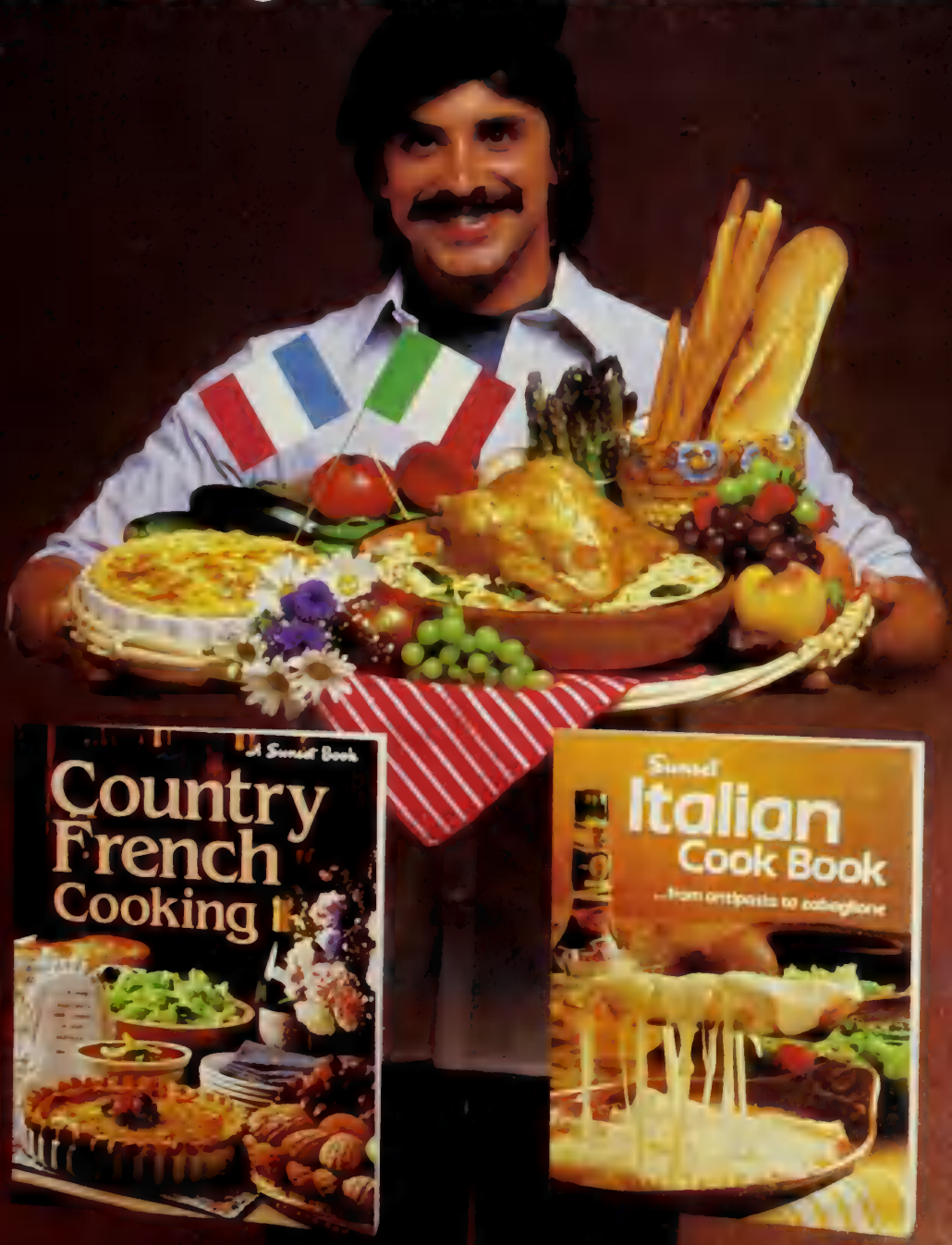

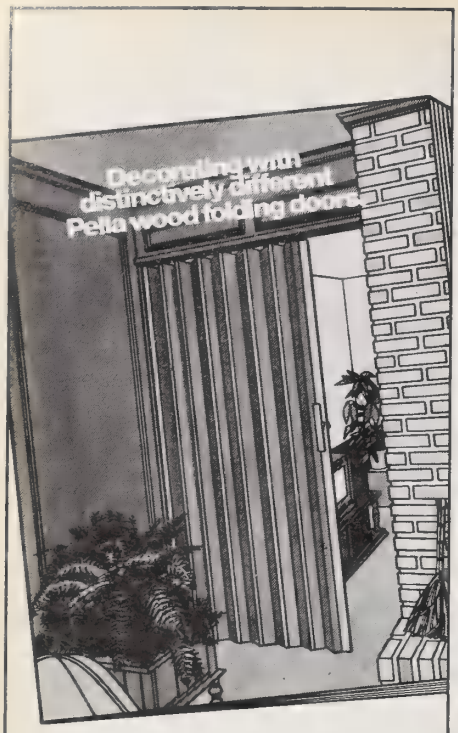

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DON NORMARK

Dramatically skylighted *entrance hall uses freestanding closet to screen living room behind*

Opening the ceiling brightens the entry

To lighten an uncomfortably dark entrance hall, architects Geise & Associates of Seattle thinned out the roof. They removed the flat ceiling over the entry area to expose the roof trusses. Skylights were cut into the roof between the trusses, and the trusses themselves were covered with gypsum board painted to match the adjoining living room. Daylight from the hallway spills over into other areas.

This entrance hall is part of a remodel for Dr. and Mrs. Ken McCaffree, Hansville, Washington. The generous new coat closet screens the living room from view as you walk into the hall. The open area to the right of the closet, meant to balance light in the living room, has become a favored spot for growing indoor plants. ◻

Working [redacted] **baffles** *to soften direct sunlight, trusses create shadow patterns*

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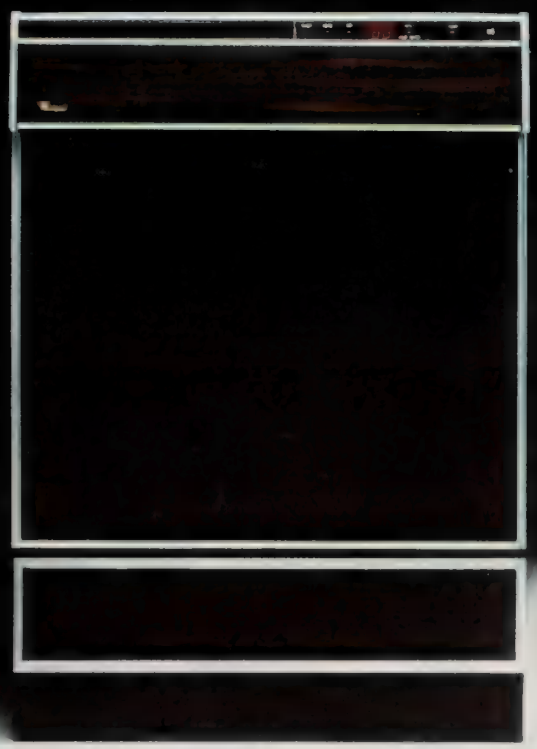

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NORMAN A. PLATE STEVE W. MARLEY

Community quilt *from new Sunset book features 16 patchwork pictures of Oakland landmarks. Above, quilt's designer Lois Campbell (pointing) discusses finishing touches. It took a year for a group of novices, working at home and at monthly meetings, to complete the quilt*

Oakland as a quilt...and many other quilt ideas

Appliqué pictures, each depicting a different Oakland landmark, decorate this quilt designed and sewn by members of the local League of Women Voters.

It's one of many quilts shown in the newly revised *Sunset* book *Quilting, Patchwork and Appliqué* (Lane Publishing Co., Menlo Park, Calif., 1981; $4.95). Intended for novices and experts alike, the 88-page second edition covers basic quilting how-to as well as patchwork and appliqué techniques. There are directions for 16 projects, from simple place mats that could require only a few hours to make to quilts that will take many days. Also included is a 17-page gallery of quilt ideas.

The landmark quilt shown here, one of those pictured in the gallery, was the brain child of experienced quilter Lois Campbell. With an overall concept in mind, Ms. Campbell enlisted the help of 16 novices; each agreed to depict a historic building and was given a 12-inch square of cloth. Using simple appliqué techniques, they turned each square into a work of art.

To make a single appliqué picture for pillow or wall hanging, you can use almost any fabric except those with edges that fray. Scale up a drawing or photograph on paper divided into 16 squares to fit your square of fabric. Designs can come from anywhere: your house, garden, photographs from your travels. For the landmark quilt, snapshots of historic buildings provided basic designs.

Trace over your design with black felt tip marker. To make pattern pieces, lay tracing paper over this master copy and trace the outline of each piece, adding ¼-inch seam allowance; cut out. Pin pattern pieces to fabric and cut out shapes. If you can see through the fabric, you won't need to make a paper pattern; just lay the fabric directly on the master design, trace, and cut out—adding the ¼-inch seam allowance. Clip curves, press under seam allowances, and hand baste around each piece.

Lay appliqué pieces on background in the order they will be sewn down (bottom pieces first, then middle and top), moving pieces to adjust design as needed.

New *Sunset book features 16 projects with detailed instructions plus a gallery of quilt ideas*

Baste all pieces to background with white thread.

Using a size 7 or 8 embroidery needle and thread to match the fabric, hand-stitch each appliqué piece to background fabric with a hemming stitch. Remove basting thread; press. □

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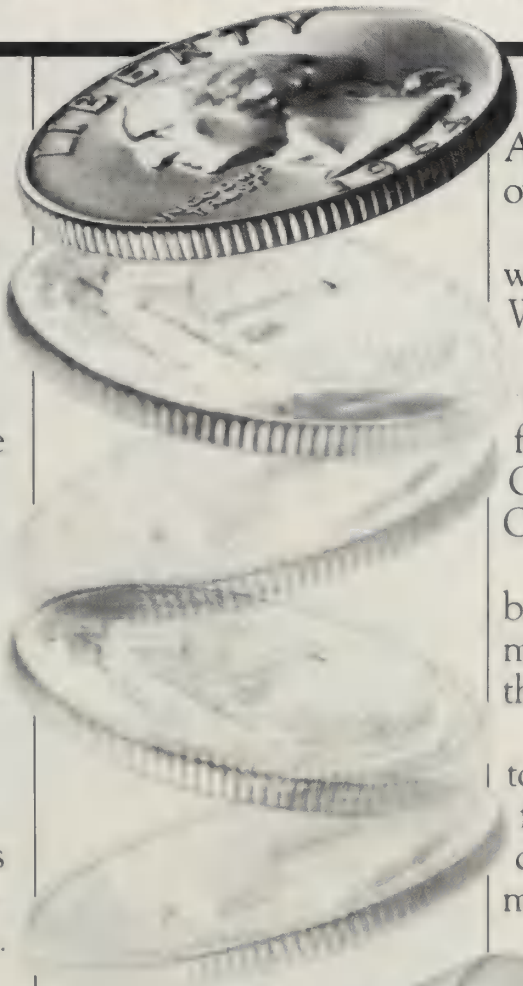

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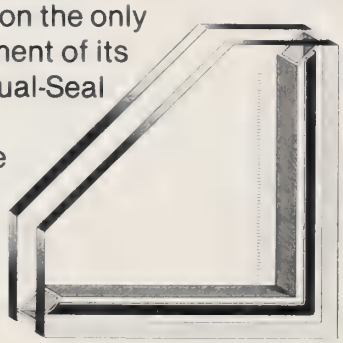

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DAVID STUBB

Clear floor *on roof deck provides abundant light to new family room below*

Roof is skylight and deck

You can even walk on the giant skylight above Charles Walton's family room and deck addition in Los Gatos, California.

Walton used seven 4- by 8-foot panels of ½-inch acrylic sheet to form the 8- by 28-foot skylight and deck section. To promote water runoff, the panels slope ¼ inch per foot. Joints were sealed with silicone caulk, then topped with 4-inch-wide, asphalt-backed aluminized flashing tape. There have been no leaks during the two winters that the panels have been in place.

The acrylic can be walked on with soft-soled shoes; some scratches are inevitable. Indoor-outdoor carpeting is rolled over the deck when heavy use is expected, or to prevent heat gain on hot summer days. □

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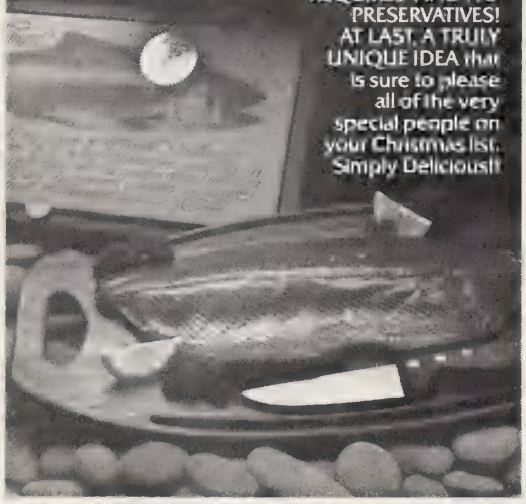

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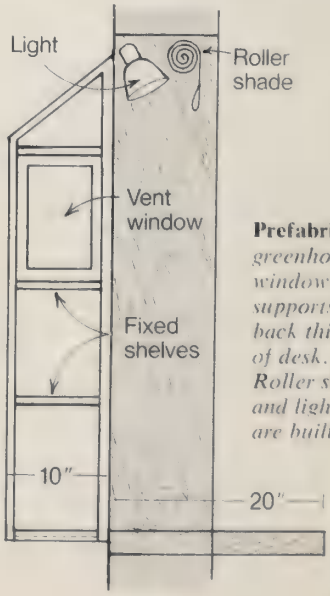
GLENN CHRISTIANSEN

Bright, spacious desk *juts through the wall, covered by a 3-foot-high greenhouse unit*

Desk with a greenhouse

Covered by a standard 6-foot-long greenhouse window, this desk pops out of Peter Axelrod's bedroom wall. Tucson architect Bob Nevins designed it to take up as little room as possible inside the newly remodeled bedroom/study.

The aluminum greenhouse unit is screwed to the wood-framed opening; it has vents at either end. It extends outside the wall 10 inches; the desk surface is 30 inches deep. A roller shade pulls down for privacy and to shield the room from afternoon sun. ☐



Prefabricated *greenhouse window supports back third of desk. Roller shade and lights are built in*

Paul Masson Vineyards, Saratoga, California © 1981

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DAVID STUBBS

Window-hugging bookcase *provides storage for more than books. Natural backlighting provides good art and plant display*

Long and short 1 by 2's support five pine shelves

Framing a window in this Berkeley house is the freestanding pine bookcase you see at left. Homeowner Bob Beckstrom designed it to fit perfectly around the window opening, partially obscuring the view to the neighbor's side yard and utilizing space that would otherwise have been wasted.

Four 1 by 2's spaced 1 inch apart support the shelves at each end. The front two come up to the windowsill; the back two reach to the header. Below the window are three 1-by-12 shelves, which jut out from the vertical supports 1 inch in front and 1½ inches in back. Three 1-by-6 shelves—one at the middle of the double-hung window, one at the top, and one between—span the ascending pairs of 1 by 2's.

Joints were glued and nailed with countersunk 1½-inch (4d) finishing nails. L-brackets—not visible in the photograph—brace the corners.

As a final step, nail holes were filled and the bookcase was sealed with polyurethane. □

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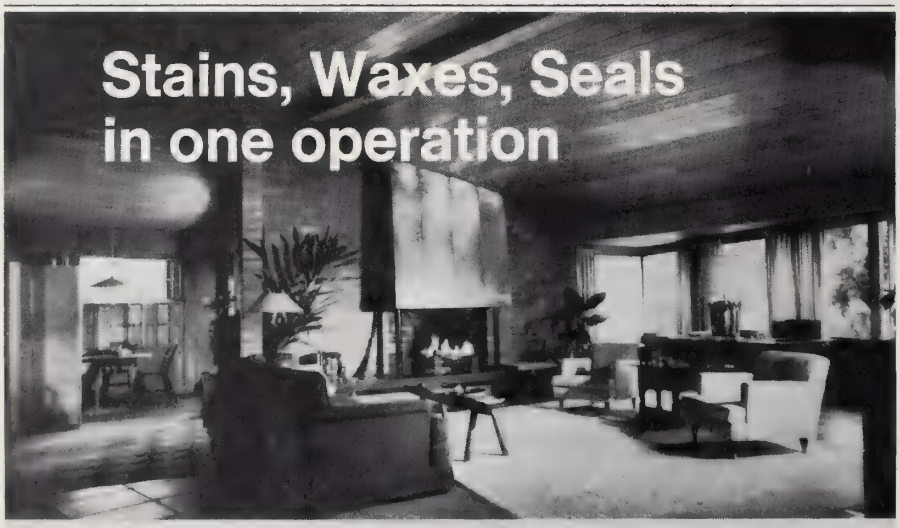

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NORMAN A. PLATE

Textures and colors *of wood, caning, and towels accent this tight-quartered bath*

Hemlock, marble, and caning

Well-considered details and choice of building materials add interest to the 24-square-foot guest bath in Sine and Michael Goran's home in Oakland.

An old-fashioned but practical detail was to inset a slab of ¾-inch-thick synthetic marble into the hardwood floor under the toilet. The marble cleans easily and prevents water damage to the floor.

The bathroom's cabinet frame, drawers, and door frame are urethane-sealed hemlock, which is similar in color to the oak flooring. Instead of solid doors, architect Lew di Sibio used machine-woven caning held in place in a groove by a length of reed. To the right of the caned doors is an open storage area for towels. The upper shelf is U-shaped for easy access to the towels below.

A wedge-shaped medicine cabinet, also made of hemlock, is set in the corner over the counter. The mirror reflects diagonally across the small room to exaggerate its size. □

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JOHN STRAYER

Before, *shelf-like sink had to serve as storage counter, too. Only the dishwasher (human) had a view outdoors—toward little-used, barren yard*

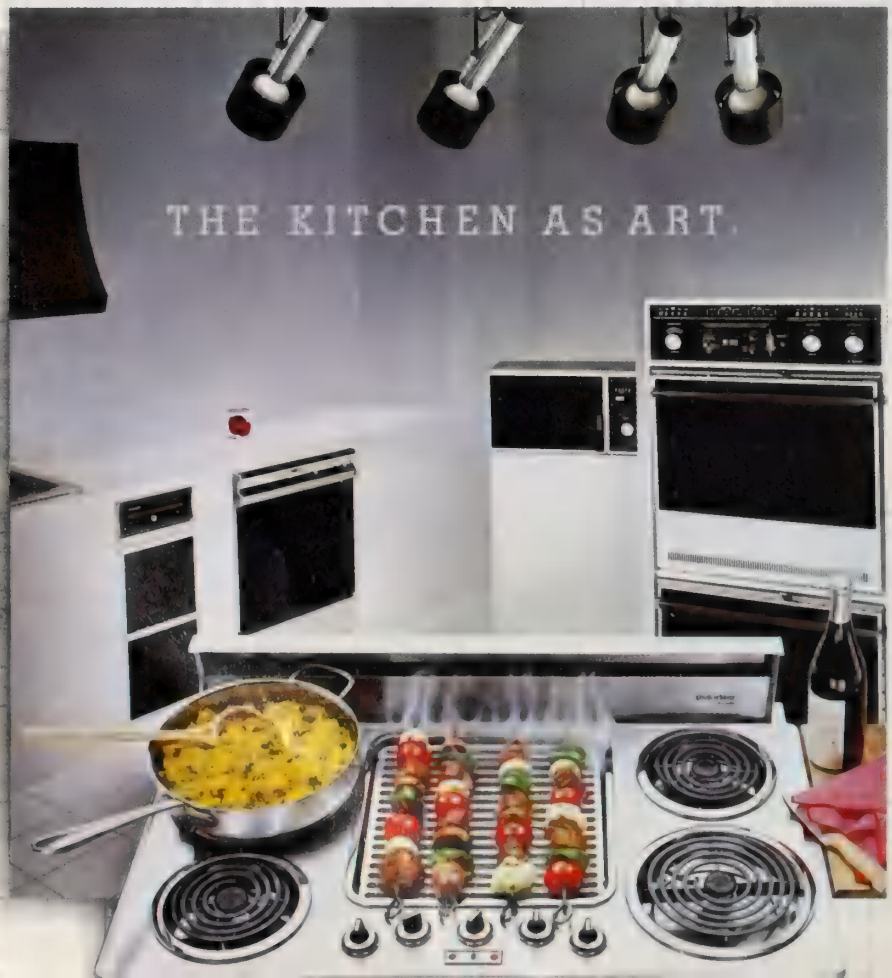
After, *remodeled kitchen is no big but is much brighter and better organiz Windows over sink were rebuilt, lower Bringing in floor space of old back po gained another window and glass-pane door, which opens on new family de Plumbing connections stayed the sa*

Without expanding its floor plan, this San Francisco kitchen changed character dramatically. No walls were moved, but the living space within them gained new dimensions. Stark and subutilitarian, the original kitchen had no convenient storage and so little counter space that there was often no place except the kitchen table to set down a hot pan. Time spent here was strictly KP.

The remodel, by Osburn Design, took advantage of a good fir subfloor found under the linoleum gloom. Refinished and sealed, it revealed warm tones that blend with the new wood in the kitchen: transom-topped windows, cabinet trim, and a custom-built table and bench of fir, counters of maple butcher block. Laminate facing on cabinet doors and tiles on the backsplash were chosen to harmonize with the wood.

Redesigned windows and the new deck outside them, as well as a better entry, establish a newly relaxed relation between indoors and out.

Other changes enrich the usefulness of the 150-square-foot space for owner Anna Holmboe and her family. The highly adaptable lighting system can brighten the table area for reading or homework or create a softly lit dining environment. Small track-mounted spots above the sink direct light where it's needed for cooking tasks. □



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Sunset's Kitchen Cabinet®

Busy cooks look for ways to entertain easily but elegantly. This month's line-up offers several choices.

For an entrée, try the chicken with honey and oranges or the fish layered with cheese and chilies. Both go together quickly with a minimum of ingredients. Or serve colorful raw vegetables blended with a Caesar-style salad dressing as an accompaniment for roasted or barbecued beef, lamb, or pork.

Orange slices and chicken are sweetly glazed with a honey and citrus baste

Honey Citrus Chicken

As orange slices bake along with chicken, they become delicious garnishes.

- 3½- to 4-pound broiler-fryer chicken, cut into serving-size pieces
- ⅓ cup honey
- 2 teaspoons *each* grated lemon peel and orange peel
- ¼ cup lemon juice
- 1½ teaspoons Dijon mustard
- ½ teaspoon curry powder
- ½ teaspoon ground ginger or 1 teaspoon minced fresh ginger
- 1 large unpeeled orange

Place chicken skin side down in a 10- by 15-inch rimmed baking or broiler pan. Mix together the honey, lemon peel, orange peel, lemon juice, mustard, curry powder, and ginger. Brush half of the mixture over chicken pieces.

Cut the orange in half lengthwise, then cut crosswise in ¼-inch slices. Tuck orange slices around chicken.

Bake, uncovered, in a 375° oven for 30 minutes, basting occasionally. Turn chicken over and baste with remaining sauce. Bake 30 minutes more, basting occasionally, until chicken is browned and tender when pierced. Serve with oranges and pan juices. Serves 4.—*S. K., Sacramento.*

Offer seeded cracker flats as a crisp accompaniment to soup, chili, or salad

Sunflower Seed Flats

Roll out rich seed-studded dough into big rounds, then bake until browned. The result is a cracker-like flatbread.

- 2¾ cups all-purpose flour (or 1½ cups all-purpose flour and 1¼ cups whole-wheat flour)
- 2 tablespoons sugar
- ½ teaspoon salt
- ½ teaspoon soda
- ½ cup mayonnaise
- 1 cup sour cream
- ½ cup shelled, salted, roasted sunflower seeds
- Butter (optional)

Stir together flour, sugar, salt, and soda. Stir in mayonnaise, sour cream, and sunflower seeds, mixing until flour is evenly moistened. On a lightly floured board, knead dough for 2 to 3 minutes, until it holds together in a smooth ball.

Divide into 24 equal pieces and form into balls. On a floured board, roll each into a 5-inch round. Place side by side on ungreased 10- by 15-inch baking sheets.

Bake in a 400° oven until browned, about 15 minutes. Serve hot or let cool on wire racks. Store airtight at room temperature for up to 1 week (or freeze for longer storage). Accompany with butter, if you like. Makes 2 dozen.—*C. H., Spokane.*

Ham hocks and a bounty of vegetables enrich the flavor of this lentil stew

Thick Lentil Stew

Shredded potato gives this lentil stew extra body and thickness.

- 1 package (12 oz.) or 1¾ cups lentils
- ¼ pound bacon, diced
- 2 large onions, diced
- 2 large carrots, peeled and diced
- 2 stalks celery, diced
- 1½ quarts water
- ½ teaspoon *each* thyme leaves and pepper
- 2 bay leaves
- About 1 to 1½ pounds ham hocks
- 1 large russet potato
- Lemon wedges

Wash lentils and drain well. In a 6- to 8-quart kettle, cook the bacon over medium-high heat until lightly browned, stirring occasionally. Add onion, carrot, and celery; cook, stirring, until onion is limp. Add water, thyme, pepper, bay leaves, ham hocks, and lentils. Cover and simmer about 1 hour or until ham is tender.

Remove pan from heat; lift out ham, set aside until cool enough to handle, then pull meat from bone and shred. Discard bone and skin; add meat to kettle. Peel and shred potato and add to lentils. Stirring frequently, bring lentils to boiling; simmer, covered, for 15 minutes. Skim off and discard fat. Serve with lemon.—*B. M., Long Beach, Calif.*

For more casual dining, pair the lentil stew with the cracker bread.

To share your original recipes with us, send them to *Sunset Magazine*, Menlo Park, Calif. 94025. We pay $25 for each recipe published.

Chicken with oranges, fish with cheese, lentil stew with cracker bread

Caesar-style Vegetable Salad

Mix raw vegetables with a Caesar-style dressing for a crunchy salad.

- 1 small bunch (about 1 lb.) broccoli
- 1 small head (about 1 lb.) cauliflower, leaves discarded
- 1 small zucchini, ends trimmed off
- 2 large carrots, peeled
- ¼ pound mushrooms, thinly sliced
- 1 small red or green bell pepper, diced
- 1 egg, beaten
- Caesar dressing (recipe follows)
- ¾ cup grated Parmesan cheese

Cut off tough ends of broccoli. Peel stalks and cut them diagonally into paper-thin slices; cut flowerets into bite-size pieces. Cut cauliflower into bite-size pieces. Cut zucchini and carrots into paper-thin slices.

In a large bowl, combine broccoli, cauliflower, zucchini, carrot, mushrooms, and bell pepper. (Cover and chill, if done ahead.) Mix egg with vegetables. Drizzle with Caesar dressing and sprinkle with cheese; mix and serve. Makes 6 to 8 servings.—*C. J., San Anselmo, Calif.*

Caesar dressing. Stir together ¾ cup olive oil or salad oil, 6 tablespoons lemon juice, 2 cloves garlic (minced or pressed), 6 to 8 canned anchovy fillets (chopped), ¾ teaspoon pepper, and 1½ teaspoons Worcestershire.

Anchovies, Parmesan cheese, and egg season thinly sliced raw vegetables

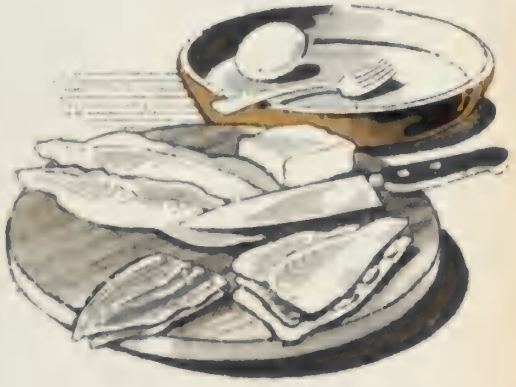
Chili Cheese Fish Stacks

These crumb-coated fish stacks are browned in a very hot oven.

- 1½ pounds fish fillets (rock fish, sole, cod) ¼ to ½ inch thick
- 1 can (4 oz.) whole green chilies
- 1 small package (3 oz.) cream cheese with chives
- ½ cup fine dry bread crumbs
- ½ teaspoon chili powder
- ¼ teaspoon garlic salt
- 1 egg, beaten
- 2 tablespoons *each* salad oil and butter or margarine
- Lemon wedges

Put a 7- by 11-inch rimmed baking pan in oven as it heats to 500°. Cut the fish into 8 equal pieces. Split chilies; discard seeds. Cover 4 pieces of fish with a layer of chili cut to fit. Thinly slice cream cheese; top chilies with an equal amount of cheese, then remaining fish pieces. Mix together the crumbs, chili powder, and garlic salt. Coat each stack with beaten egg, then crumb mixture.

Remove pan from oven and add butter and oil. Swirl until butter melts. Set fish stacks in pan, turning to coat all over with butter. Return pan to oven and cook until fish flakes readily when prodded, 8 to 10 minutes. Serve with lemon. Makes 4 servings.—*J. H., Santa Barbara.*



Layer chili and cheese between fish fillets, then dip stacks in egg, crumbs

Apple Coconut Strips

Use a 10- by 15-inch rimmed baking sheet to make this big apple tart.

- Pastry for double-crust 9-inch pie
- 2 tablespoons cornstarch
- 8 cups peeled and thinly sliced Golden Delicious apples (about 7 medium-size)
- ¾ cup sugar
- ½ teaspoon ground cinnamon
- 2 eggs
- ¼ cup milk
- ½ cups shredded sweetened coconut

Using your favorite recipe or mix, prepare pastry; roll out on a floured board to fit the bottom and sides of a 10- by 15-inch rimmed baking sheet. Sprinkle cornstarch evenly over bottom of pastry. Arrange apples on pastry, overlapping slices.

Mix together ¼ cup of the sugar and the cinnamon; sprinkle evenly over apples. Bake on the bottom rack of a 425° oven 40 minutes.

Meanwhile, beat eggs with remaining ½ cup sugar and milk. Remove pastry from oven and evenly pour egg mixture over it. Sprinkle coconut evenly over top. Return to oven and continue baking until lightly browned, 10 to 15 minutes longer. Serve warm or cold, cut into pieces. Makes 12 to 15 servings.—*O. D., Lewiston, Idaho.*

Bake apples in crust until tender, then top with custard and shredded coconut

With pasta: *skinny linguine, pungent with garlic, makes a bold partner for mild, quickly cooked chicken livers*

Swedish-style: *sautéed chicken livers blend with browned potatoes. Pickled beets add a pleasing piquancy*

For the timid, for the venturesome . . . chicken livers

You need a pound for each of these less-than-60-minutes meals. One is Swedish, one Italian; another's garlicky, another sweet-sour

DARROW M. WATT

On polenta: *in the Italian style, browned chicken livers and robustly seasoned tomato sauce top creamy polenta squares*

Soy-glazed: *sweet-sour flavors go with chicken livers on rice. Marinade becomes a shiny sauce to add last*

Both the gastronomically timid and the venturesome usually agree on one variety meat: chicken livers. And for some very good reasons. Properly prepared, chicken livers have a mild and delicate flavor and a creamy, moist texture. They're also economical, and they cook very quickly.

A pound of chicken livers is the start of each of these four attractive entrées. Each recipe gives you a meal for four in less than an hour; just add a salad or simple vegetable to round out the menu.

Swedish Chicken-Liver Hash

About 6 tablespoons butter or margarine
1 large onion, chopped
3 cups cooked, peeled, and cubed potatoes
1 small red or green bell pepper, seeded and chopped
⅓ cup regular-strength beef broth
¼ teaspoon thyme leaves
4 eggs (optional)
1 pound chicken livers, drained and cut into halves
1 can (8¼ oz.) sliced pickled beets, drained
Parsley sprigs

In a 10- to 12-inch frying pan over medium heat, melt 3 tablespoons of the butter. Add the onion and cook, stirring often, until golden, about 15 minutes. Stir in the potatoes, adding a little more butter if needed. Cook, turning often, until potatoes are lightly browned, about 10 minutes. Stir in the pepper, broth, and thyme; cover and keep warm.

Break eggs in half, saving 4 half-shells; separate yolks and reserve whites for other uses. Put a yolk in each reserved half-shell, balance upright, and set aside.

In another 10- to 12-inch frying pan, melt 2 tablespoons of the remaining butter over medium-high heat. Add livers and cook, turning once, until firm and lightly browned on both sides but still pink in center, about 5 to 7 minutes.

On 4 warm dinner plates, spoon equal portions of livers and potatoes on opposite sides of each; stand an egg cup in the center. Accompany with beets; garnish with parsley. Mix yolk with potatoes and livers as you eat. Serves 4.

Chicken Livers with Garlic Pasta

Drain 1 pound chicken livers and cut in halves. In a 10- to 12-inch frying pan over medium-high heat, melt 2 tablespoons butter or margarine. Add livers and cook, turning once, until firm and lightly browned on both sides but still pink in center, about 5 to 7 minutes.

At the same time, cook 8 ounces linguine (or spaghetti) in 3 quarts boiling water until tender, about 6 to 10 minutes; drain well. Also melt 4 tablespoons butter or margarine and stir in 3 large cloves garlic (minced or pressed), ½ cup chopped parsley, and ½ teaspoon oregano leaves; keep warm.

Mound equal portions of hot linguine on 4 warm dinner plates; spoon garlic butter evenly over each portion and sprinkle with additional chopped parsley, if desired. Arrange livers alongside. Serves 4.

Italian Chicken Livers with Polenta

3 tablespoons salad oil
½ cup *each* chopped onion and green pepper
¼ pound mushrooms, sliced
¼ cup chopped parsley
1 clove garlic, minced or pressed
2 teaspoons dry basil
½ teaspoon oregano leaves
1 can (15 oz.) tomato purée
⅓ cup dry red wine
3 cups water
2 chicken bouillon cubes, crushed
1 cup polenta (coarse-ground Italian cornmeal)
2 tablespoons butter or margarine
1 pound chicken livers, drained and cut in halves

In a 2- to 3-quart pan, combine oil, onion, pepper, mushrooms, parsley, garlic, basil, and oregano. Cover and cook on medium heat, stirring often, until vegetables are soft. Remove lid, add purée and wine and simmer until sauce is thickened, about 20 minutes; stir often.

Meanwhile, in another 2- to 3-quart pan, bring water and bouillon to boiling. Stir in polenta, reduce heat, and cook, stirring, until very thick, about 7 minutes. Remove from heat and spread in a buttered 8-inch square pan. Let stand 5 minutes, then invert out onto a board and cut into 4 squares. Arrange polenta on a serving platter; keep warm.

In a 10- to 12-inch frying pan over medium-high heat, melt the butter. Add livers and cook, turning once, until firm and lightly browned on both sides but still pink in center, about 5 to 7 minutes. Arrange livers atop polenta; ladle sauce on top. Serves 4.

Soy-glazed Chicken Livers with Rice

In a bowl, combine ¼ cup soy sauce, 3 tablespoons dry sherry, 2 tablespoons honey, 2 cloves garlic (minced or pressed), 1 cup regular-strength beef broth, and 1 pound drained chicken livers, cut in halves. Cover and let stand about 30 minutes. Measure 1 tablespoon cornstarch into a 1- to 2-quart pan. Drain marinade from livers and blend into cornstarch; set aside.

Coat livers with all-purpose flour, shaking off excess. In a 10- to 12-inch frying pan over medium-high heat, melt 2 tablespoons butter or margarine. Add livers and cook, turning once, until firm and lightly browned on both sides but still pink in center, about 5 to 7 minutes. Meanwhile, bring marinade to boiling over high heat, stirring constantly.

Pile livers atop 4 to 5 cups hot cooked rice. Garnish with 2 green onions. Spoon hot sauce over servings. Serves 4. □

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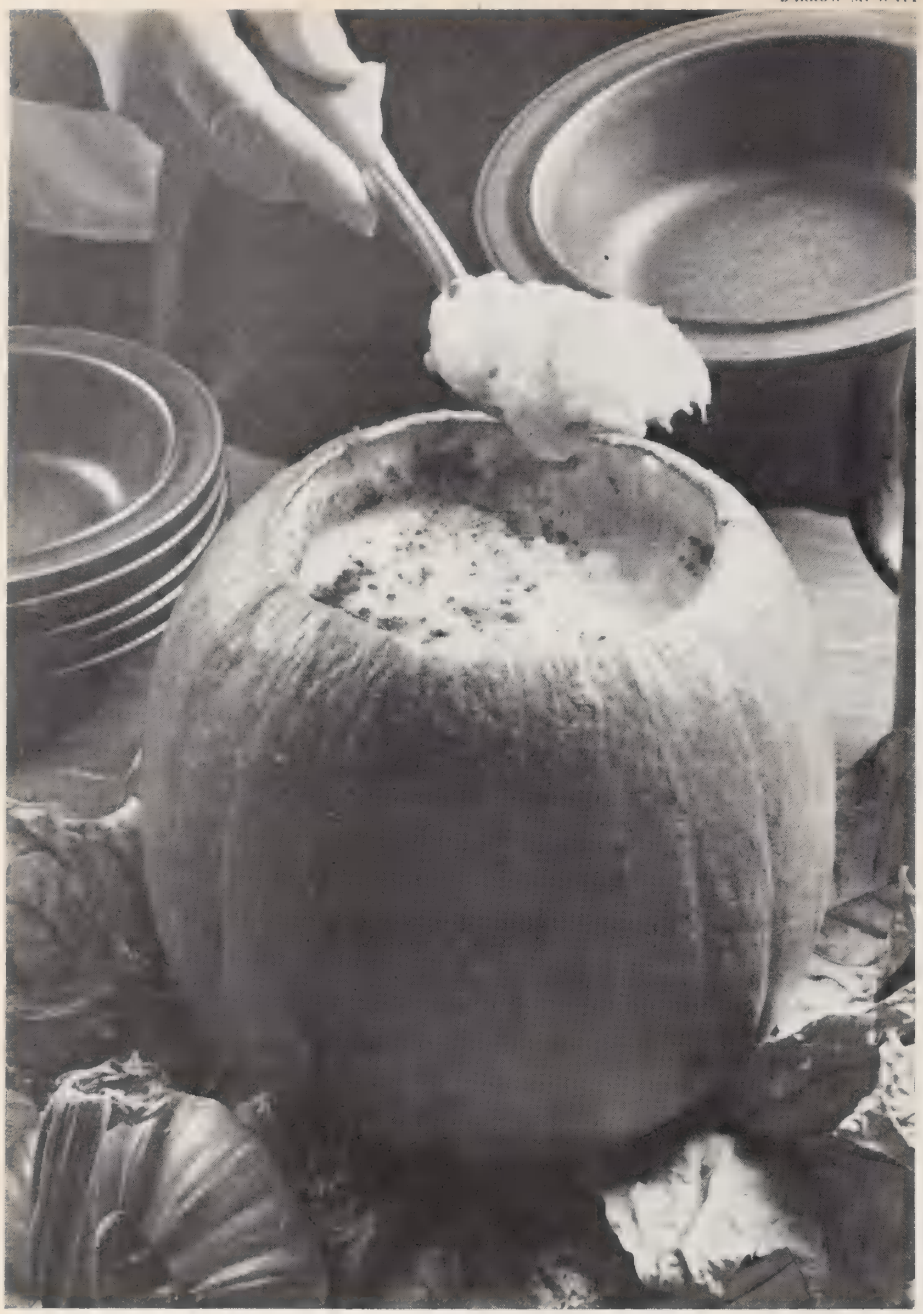


Scoop out *some of the sweet pumpkin with each spoonful of creamy tapioca pudding—it's a nourishing dessert or a light meal*

Pudding and pumpkin inside the pumpkin

When you lift the top off this golden pumpkin, your guests will savor the spicy fragrance of the warm pudding inside. Serve it for dessert at an October dinner party or as a simple main dish for a light meal.

With each spoonful of the tapioca or fruited-rice pudding, you scoop out some of the cooked pumpkin. Accompany with poured cream, whipped cream, or ice cream.

You'll need a 5- to 6-pound pumpkin. Pick one that is nicely rounded in shape, rests securely on its base, and is heavy for its size, indicating that it has thick, meaty walls.

For a party dessert, you could make it several hours ahead; wrap the pumpkin in a thick towel to keep warm until you're ready to serve.

Pumpkin Shell Tapioca Pudding

1 small (5 to 6 lbs.) pumpkin
1¼ teaspoons pumpkin pie spice or ground cinnamon
Hot tapioca pudding (recipe follows)
Whipped cream, cream to pour, or vanilla ice cream (optional)

Cut a 4- to 5-inch lid on the pumpkin top, lift off, remove any tissue, and set aside. Scoop out and discard seeds and strings, scraping pumpkin as clean as possible. Sprinkle 1 teaspoon of the spice inside pumpkin; roll it to dust interior evenly with spice.

Set top back on pumpkin and place it on a rack in a broiler pan. Place in a 350° oven, then pour boiling water into the pan to a depth of ½ to ¾ inch. Bake about 45 minutes or until pumpkin is almost tender when pierced. After pumpkin has cooked about 20 minutes, start the tapioca pudding.

Remove pumpkin from oven and set lid aside. Pour hot pudding into pumpkin and sprinkle with remaining ¼ teaspoon spice. Continue baking, uncovered, about 30 minutes or until pudding is set. Remove from oven and replace lid; let set about 30 minutes to cool slightly.

Serve warm, scooping out some pumpkin meat with each serving. Serve with cream or ice cream, if you wish. Makes 12 to 15 dessert servings or 6 to 8 lunch-size portions.—*J. P., Palo Alto, Calif.*

Tapioca pudding. In a 3- to 4-quart pan, mix together 1 cup sugar, ½ teaspoon salt, 6 tablespoons quick-cooking tapioca, 4 eggs, and 4 cups milk; let stand 10 minutes. Stir over medium heat until boiling. Remove from heat and stir in 2 teaspoons vanilla. Use hot.

Pumpkin Shell Fruited-Rice Pudding

Prepare pumpkin as directed in preceding recipe. Start the rice pudding when pumpkin has baked 10 to 15 minutes.

For the pudding, bring 2½ cups water to a boil in a 3- to 4-quart pan; stir in 1 tablespoon butter or margarine and 1 cup long-grain rice. Reduce heat, cover, and simmer for about 20 minutes or until rice is tender.

Add 1 cup firmly packed brown sugar, 1 cup *each* chopped moist-pack pitted prunes and dried apricots, 1 teaspoon grated orange peel, ½ cup orange juice, and ½ teaspoon ground cinnamon. In a small bowl, beat 2 eggs with 1¾ cups milk; stir into rice mixture. Increase heat to medium and cook, stirring constantly, until mixture comes to a boil; remove from heat and keep warm.

When pumpkin is almost tender, pour in hot pudding and sprinkle with spice. Bake 30 minutes more and serve as recipe above directs. Serves 12 to 15 for dessert or 6 to 8 for lunch. □

EVERYTHING YOU EVER BELIEVED ABOUT THE GOODNESS OF SOUP HAS JUST BEEN CONFIRMED.

If you're like most people, you may have always suspected that there was something especially wholesome about a hot bowl of soup. Now your instincts have just been proven to be a fact: **Soup really is one of the most thoroughly nourishing, easily digestible foods you can eat.**

NUTRITION NEWS.

Using data from one of the largest studies ever made on nutrition conducted by Government health agencies, experts from leading universities identified differences in people's diets (published in "The American Journal of Clinical Nutrition"). **It was found that soup can be a significant part of a balanced, healthful diet.**

And when compared with other foods in a Nutrient Density Rating System* used by nutritionists, many of the most popular soups score very high. **In fact, some soups have more nutrients per calorie than other good foods.** Like green beans, lettuce and corn.

SOMETHING TO SLEEP ON.

Let's say you've come home from work too late to sit down to a big, heavy dinner. (A lot to digest isn't the best thing to go to sleep on.) A bowl of soup before bed might just be what your body needs. And it's so digestible.

And if, for example, that bowl of soup were **Campbell's Vegetable Beef, you'd be giving yourself more vitamin A in one serving than you'd get from nine eggs.** And, calorie for calorie, as much protein as peanut butter. If it were Campbell's Tomato Soup, you'd be getting the vitamin C equivalent of half a grapefruit.

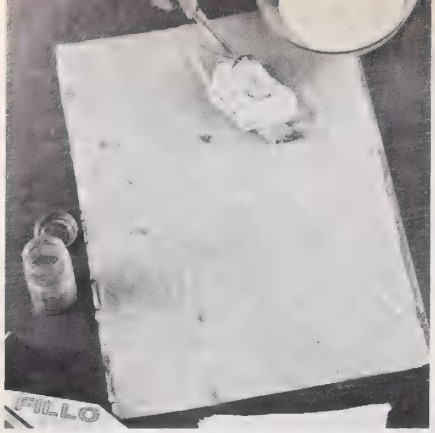
EATING MODERN.

Everywhere, people are walking when they used to drive. Jogging when they used to walk. And because feeling good is looking good, people are paying more attention to getting more nutrition—with fewer calories. Soup is good for that, too. Many soups have more nutrients per calorie than lots of the foods people think are most healthy. **So you can see that soup can play a very important part in a nutritionally balanced diet.**

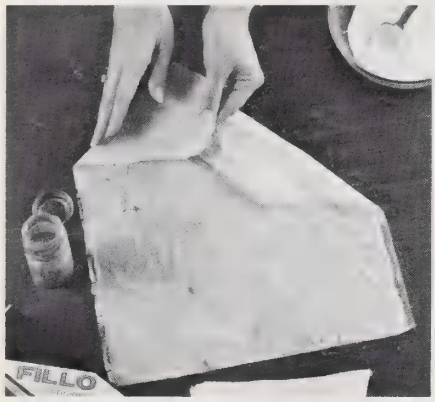
Campbell's

SOUP IS GOOD FOOD.

*Source: Hansen, R.G., Wyse, B.W., Sorenson, A.W., The Nutritional Quality Index of Foods. AVI Publishing Co., Inc., Westport, Conn. 1979
Note— mean value sources for nutrient comparison: USDA Handbooks No. 8 and 456 and Campbell Soup Co.



1 . *Spoon herb mayonnaise over both sides of chicken breast, then flip corner of fila over chicken; roll once*



2 . *Fold side over top and roll again. Fold opposite side over, then roll up*

DARROW M. WATT

3 . *Crisp chicken packets, served with broccoli, make attractive company fare*

Fooling with fila . . . pastry sheets for chicken wraps, dessert fingers, cheese appetizers

Dishes made with flaky fila look complex and impressive, but in fact can be remarkably easy to make.

Fila (also called fillo, filo, phyllo, and streudel leaves) is the paper-thin dough that gives Middle Eastern pastries such as baklava their fragile, crisp character. It's sold in 1-pound packages, containing about 20 to 30 sheets—often more than you need for a family-size recipe.

Drizzled with chocolate, *these nutty dessert rolls use cut sheets of fila*

As an introduction to fila, we propose a set of recipes that requires an entire package: six chicken entrée packets, 2 dozen dessert pastries, and cheese-filled appetizers. You can make all three in an afternoon, then freeze them.

Look for fila in either the freezer or refrigerator section of grocery stores or Middle Eastern delicatessens. Thaw frozen fila in its package 3 to 4 hours in the refrigerator, and then let stand at room temperature for about 2 hours before you use it.

To work with fila dough, count out the number of sheets you'll need for your recipe. To prevent them from drying out and becoming brittle, cover them tightly with plastic wrap. Reroll and seal remaining sheets in plastic wrap and chill until needed.

Fila Chicken Packets

- ¾ cup *each* chopped green onion and mayonnaise
- 3 tablespoons lemon juice
- 3 cloves garlic, minced or pressed
- ¾ teaspoon dry tarragon
- ⅔ cup butter or margarine, melted
- 12 sheets fila
- 6 chicken breast halves, boned and skinned
- Salt and pepper to taste
- 2 tablespoons grated Parmesan cheese

Mix together green onion, mayonnaise, lemon juice, 2 cloves of the garlic, and the tarragon; set aside. Combine remaining garlic with the butter.

For each packet, place 1 sheet of fila on a board and brush it with about 2 teaspoons garlic butter; arrange a second sheet on top and brush it with another 2 teaspoons garlic butter. Lightly sprinkle a chicken piece with salt and pepper, spread one side with the mayonnaise mixture, turn over onto fila corner (step 1, top left), and top with more mayonnaise mixture—about 3 tablespoons in all. Wrap breast in fila (step 2).

Place the 6 packets slightly apart in an ungreased baking pan. Brush with remaining garlic butter; sprinkle with cheese. (To freeze, pack in a single layer

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in a container with tight-fitting lid. Thaw completely, covered, before baking.) Bake in a 375° oven for 20 to 25 minutes or until golden. Serve hot. Makes 6 servings.

Fila Nut Dessert Fingers

- 1 cup finely chopped walnuts
- ½ cup sugar
- 2 teaspoons grated orange peel
- ½ teaspoon ground cinnamon
- ¼ teaspoon ground cloves
- 8 sheets fila
- About ⅔ cup melted butter or margarine
- 2 teaspoons sugar
- Chocolate icing (directions follow)

In a bowl, combine the nuts, ½ cup sugar, orange peel, cinnamon, and cloves; mix thoroughly. Place 1 sheet of fila on a board and brush lightly with a scant tablespoon of the butter; top with a second sheet of fila and brush it with another scant tablespoon butter. Sprinkle with ¼ of the nut mixture.

With a sharp knife, cut rectangle lengthwise into thirds, then cut each across into halves. Beginning with the short ends, roll each loosely into a log. Repeat with remaining fila sheets. Place logs slightly apart on an ungreased 10- by 15-inch baking sheet. Brush tops with about 1 tablespoon butter, then sprinkle with the 2 teaspoons sugar. Bake in a 300° oven for 20 to 25 minutes or until golden. Cool completely. (To freeze, wrap airtight; thaw, covered, before serving.) To serve, drizzle each log with icing. Makes 2 dozen.

Chocolate Icing: In about a 1-quart pan, combine ⅔ cup semisweet chocolate baking chips and 2 teaspoons butter or margarine; stir over very low heat just until melted.

Fila Cheese Appetizers

For every 4 appetizers, cut 2 squares of jack or Cheddar cheese, each measuring 1 by 1 by ¼ inch. Cut each square diagonally to make 4 triangles in all.

Brush 1 sheet of fila dough with about 2 teaspoons melted butter; arrange a second sheet on top and brush it with another 2 teaspoons melted butter. With a sharp knife, cut fila lengthwise into 4 long strips. Place a cheese triangle on each lower left corner and lightly sprinkle jack cheese with a combination of cumin and caraway seeds; with Cheddar, try a combination of oregano leaves, chili powder, and cumin seed.

Starting with one corner, fold dough over cheese several times, tucking in corners for a tight seal. Make last folds looser for an attractive finish. (To freeze, pack in container with tight-fitting lid.) Place appetizer (thawed or frozen) on an ungreased 10- by 15-inch baking sheet slightly apart. Bake at 450° for 5 to 7 minutes or until golden. Serve hot. Each pair of fila sheets makes 4 appetizers. □

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Broccoli Jarlsberg

Boil 2 lbs. broccoli until tender. In saucepan, saute ½ c. ham strips in 3 tbs. butter. Add 3 tbs. flour. Cook; stir until smooth. Remove from heat and gradually blend in 2 c. milk. Add 1 tsp. dry mustard, ¼ tsp. paprika, ⅛ tsp. salt, ⅛ tsp. pepper, 1½ c. shredded Jarlsberg. Cook; stir until thick and smooth. Spoon over broccoli. Serves 4.

Send for "Norwegian Cheese Delights" recipe booklet. Write Norseland Foods Inc P.O. Box 1000-F, Hilliard, Ohio 43026. Include 25¢ for postage and handling.

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Nutty Pancakes (pictured): Fold in ¾ to 1 cup chopped almonds, walnuts or pecans.

Banana Pancakes: Fold in 1 cup mashed bananas.

Bacon Pancakes: Fold in 8 slices bacon, crisply fried and crumbled.

Spicy Pancakes: Fold in 1 teaspoon ground allspice, ½ teaspoon ground cloves and ½ teaspoon ground nutmeg.

Blueberry Pancakes: Fold in 1 cup blueberries.

Granola Pancakes: Fold in 1 cup granola.

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For a Mexican supper party . . . pork picadillo or chili chicken

These Mexican-inspired meat casseroles lend themselves to day-ahead preparation for relaxed parties.

Though its literal meaning is hash, cinnamon-spiced picadillo is quite gala with its toppings of avocado and lime juice. The chicken casserole has garlic-scented cherry tomatoes on its sour cream and jack cheese crust.

A relatively inexpensive cut of pork is the starting point for the first recipe; practical whole broiler-fryer chickens are the base of the second dish. Similar accompaniments work well for both casseroles: hot seasoned rice or small potatoes baked in butter, cold marinated green beans as a salad, and a very fancy make-ahead dessert such as a multilayer torte.

Pork Picadillo

- 2 tablespoons *each* butter and salad oil
- 1 large onion, finely chopped
- 3½ pounds boneless pork shoulder, cut in ¾-inch squares
- 2 cloves garlic, minced or pressed
- 2 cans (8 oz. *each*) tomato sauce
- ½ cup tomato-based chili sauce
- 1 teaspoon ground cinnamon
- 1½ teaspoons salt
- ¼ teaspoon ground cumin
- ½ cup currants
- 3 tablespoons *each* vinegar and brown sugar
- Water
- 2 green onions, thinly sliced
- 2 limes, cut in wedges
- 2 avocados, peeled, pitted, and diced

In a 5- to 6-quart kettle, melt 1 tablespoon butter with 1 tablespoon oil. Add onion and cook on medium-high heat, stirring, until onion is soft. Spoon from pan and set aside.

Add remaining butter and oil to pan and brown meat, about half at a time. Return all meat and onion to pan and add garlic, tomato sauce, chili sauce, cinnamon, salt, cumin, currants, vinegar, and sugar. Cover and simmer until meat is very tender when pierced; about 50 minutes. Stir occasionally, adding a little water if sauce gets too thick. Serve; or if made ahead, cool, then cover and chill as long as 48 hours. To reheat, cover and bake in a 350° oven until hot through, about 50 minutes.

Spoon pork into a shallow bowl and garnish with green onions.

Squeeze a little lime juice over avocado to moisten. Pass avocado to spoon onto individual servings of picadillo, and squeeze lime juice over both. Makes 8 to 10 servings.

Chili Chicken and Cheese Casserole

- 3 broiler-fryers (about 3½ to 4 lbs. *each*)
- 2 cans (14½ oz. *each*) regular-strength chicken broth
- ⅓ cup all-purpose flour mixed with ⅓ cup cold water
- 1 large green pepper, seeded and finely chopped
- 1 large onion, finely chopped
- 2 tablespoons olive oil
- 1 can (4 oz.) whole green chilies, seeded and chopped
- 2 cloves garlic, minced or pressed
- 1 pound (4 cups) jack cheese, shredded
- 1½ cups sour cream
- Cherry tomato topping (recipe follows)

Rinse chickens and place in a 12-quart kettle (reserve giblets for other uses). Add broth and bring to a boil; cover and simmer until drumsticks move easily when jiggled, about 1 hour.

Lift chicken from broth and let cool. Meanwhile, skim off and discard fat from broth, then boil broth, uncovered, on high heat until reduced to 1¼ cups. Stir in the flour-water paste and boil, stirring, until very thick, about 5 minutes; set aside.

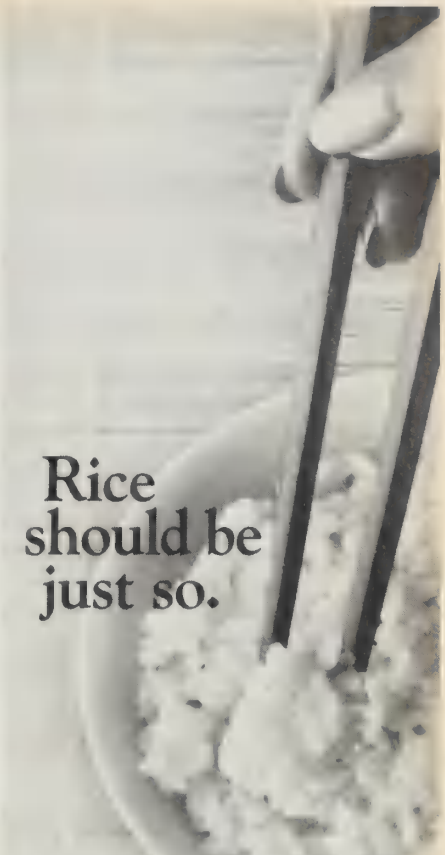
Pull meat from bones; discard skin and bones. Cut meat into large strips (you should have about 2 qts.).

In an 8- to 10-inch frying pan, cook pepper and onion in oil on medium-high heat, stirring, until both are limp. Add to the thickened broth along with chilies and garlic.

In an 8- or 9- by 13-inch baking pan or shallow casserole, layer half the chicken, pour over half the sauce, and scatter with half the cheese. Top with remaining chicken, then the rest of the sauce. Spread smoothly with the sour cream and sprinkle with remaining cheese. (At this point you can cover and chill casserole as long as 24 hours.) Bake, uncovered, in a 325° oven until heated through, about 1 hour (or 1 hour and 15 minutes if refrigerated).

Let stand about 10 minutes, then spoon cherry tomato topping over the casserole. Makes about 12 servings.

Cherry tomato topping. Halve 2 cups cherry tomatoes. Mix with 2 tablespoons olive oil, 2 tablespoons minced parsley, and ¼ teaspoon garlic salt. □



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TERI SANDISON

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Munching treats with nut butter

Prosaic peanut butter or more glamorous almond paste are the starting point for these simple confections. Raisins and oats are pan-toasted to add sweetness and texture, then blended with the nut butter. Serve the coconut-coated rounds plain or sandwich each between nut halves or pitted dried fruit.

Peanut Butter Confections

Stir ¼ cup finely chopped unsweetened coconut in an 8- to 10-inch frying pan over medium-low heat until coconut is golden. Set aside.

To the same pan add 2 tablespoons salad oil and ¼ cup raisins, and cook over medium-low heat, stirring constantly, until raisins get round and puffy, 3 to 5 minutes. Remove raisins with a slotted spoon; set aside. Add ½ cup regular rolled oats to pan and cook, stirring, until golden, about 3 minutes. Add 2 tablespoons honey; cook bubbling mixture 1 minute more, stirring constantly.

Remove from heat, add raisins, ½ cup crunchy peanut butter, 1 teaspoon vanilla, and 3 tablespoons wheat germ; mix to blend. Cover and chill until firm enough to shape, about 30 minutes. Form rounded teaspoons into balls; roll in coconut. Arrange in a single layer, cover, and chill until firm. Serve or package airtight to store as long as one week. Makes 18 to 20 pieces.

Almond Paste Confections

Follow directions for Peanut Butter Confections with these changes: instead of peanut butter use ½ cup (5 oz.) almond paste, substitute water for the vanilla, and omit the wheat germ. Makes 18 to 20 pieces. □

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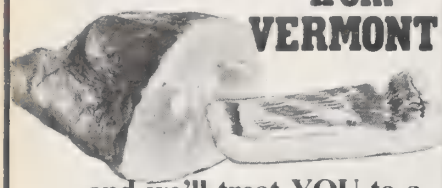

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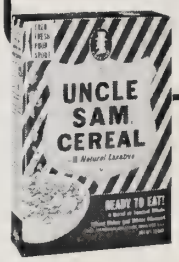

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TERI SANDISON

Everyone relaxes *at no-fuss Bavarian salad supper. Stage center is wurst, cheese, and bell pepper combination. Looking clockwise, you see apple slices with herring and pickle, pickled beets, mushroom-topped zucchini and carrot salad, dark breads, assorted beers and juices, and a refreshingly simple lettuce salad. It all holds up well unheated and unchilled, making a sturdy October buffet*

Robust and jovial, it's a Bavarian sausage-salad supper

With the robust foods and jovial spirit of a Bavarian *gasthaus*, this easy-to-organize *wurst* (or sausage) supper offers a simple way to celebrate your own Oktoberfest with about a dozen friends.

The basis of this casual all-salad menu is shop-and-serve foods, which only take a step or two from their containers—such as additional seasoning, brief cooking, cutting, or the blending of several simple dressings. The salads adapt well to buffet-style service, since they are durable enough to be left unattended during the course of the party.

Mainstay of the meal is a hearty wurst salad that's good hot or at room temperature; it's a sampler of three different kinds of sausage—cut in chunks and served with bits of green pepper, Swiss cheese, and a creamy mustard dressing. Cool salad offerings include carrot and zucchini strips in a lemon-dill dressing, crisp apple slices topped with purchased herring, and canned pickled beets with fresh onions and sour cream. There's also a lightly dressed butter lettuce salad to nibble between the heartier salads—and, in the German fashion, cleanse the palate between stronger tastes.

Accompany the salads with a selection of earthy breads, including at least one German-style rye; offer butter and mustard. For beverages, you might present ales, beer, sparkling apple juice, or cider.

Wurst Salad

About 3 pounds wurst (sausages); use kinds such as Polish (kielbasa), garlic, knockwurst, weisswurst (white sausages), or bockwurst
12 ounces Swiss cheese, cut in ½-inch cubes (3 cups)
2 large bell peppers, stemmed, seeded, and chopped
Mustard dressing (recipe follows)

Cut the wurst diagonally into 2-inch chunks. In a 5- to 6-quart kettle, bring 3 quarts of water to boiling; reduce heat to low and simmer gently. Add the wurst chunks, cover, and let stand on lowest heat until hot, about 15 minutes. With a slotted spoon, lift wurst from water.

Pile wurst chunks on a large rimmed platter; surround with diced cheese and

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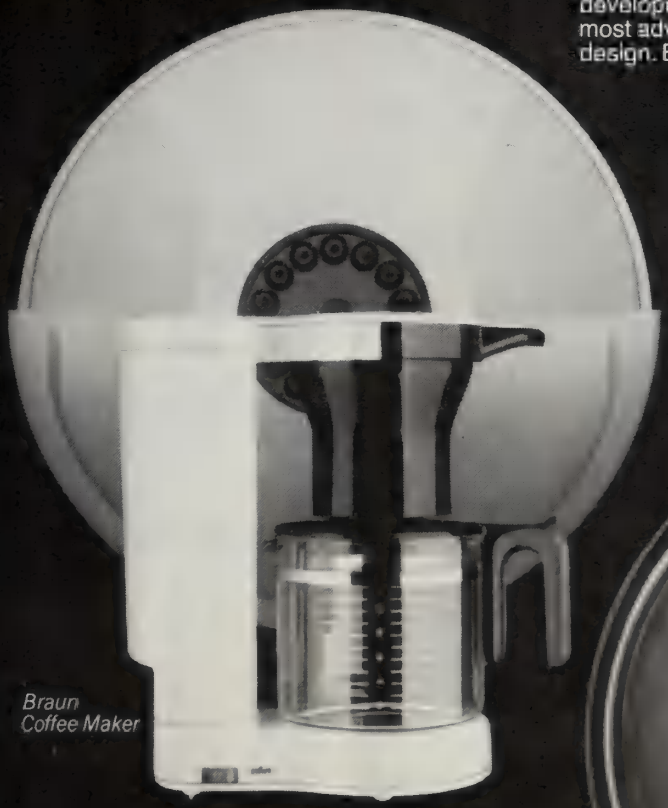

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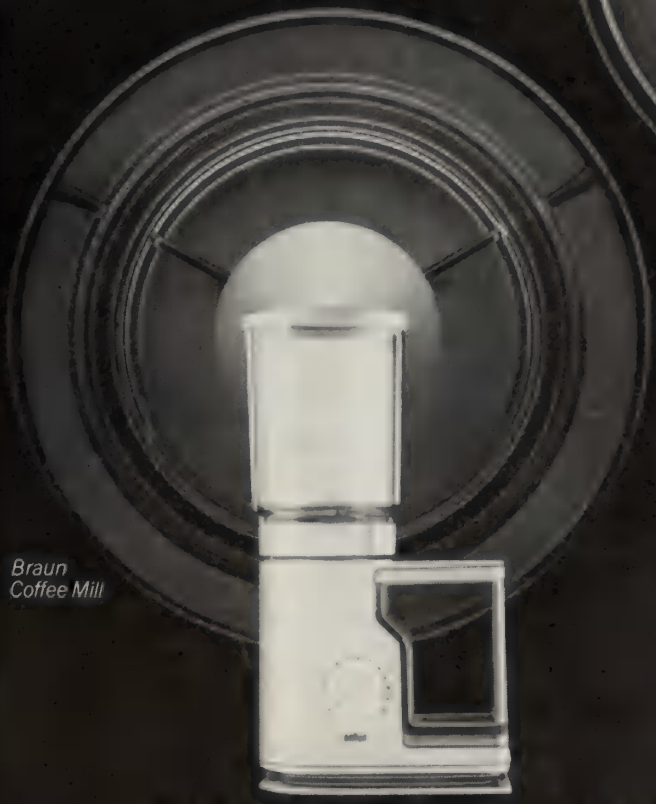

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TERI SANDISON

Assorted German-style salads *are made of sausages, vegetables, fruits, and fish, accompanied with hearty rye bread*

peppers and have dressing in a bowl alongside to spoon over individual portions. Serve hot or at room temperature. Makes about 12 servings.

Mustard dressing. Stir together ¾ cup *each* mayonnaise and sour cream, ½ cup sweet pickle relish, and 3 to 4 tablespoons (to taste) German-style or Dijon mustard. Makes about 2 cups.

Shoestring Vegetables in Lemon-Dill Dressing

- 6 medium-size zucchini
- About 1½ pounds carrots, peeled
- ¼ pound mushrooms, thinly sliced
- Lemon-dill dressing (recipe follows)

Trim and discard carrot and zucchini ends; cut them lengthwise into ¼-inch-wide slivers; if made ahead, cover and chill as long as overnight. To serve, place zucchini and carrots in a 2½- to 3-quart serving bowl and top with the mushrooms. Moisten vegetables with dressing; mix before serving. Makes about 12 servings.

Lemon-dill dressing. Combine ⅔ cup salad oil; ⅓ cup lemon juice; 1 or 2 cloves garlic, minced or pressed; ¾ teaspoon *each* salt and dry mustard; ½ teaspoon dill weed; and ¼ teaspoon *each* grated lemon peel and pepper.

Herring and Apple Salad

- 3 large red apples
- Lemon juice
- 1 jar (8 oz.) wine herring snacks, well drained
- 2 small dill pickles, sliced into thin rounds

Core each apple and cut into 8 wedges, turning slices in lemon juice as you work to prevent browning. Arrange slices side by side on a platter. Place 1 piece of herring on top of each apple slice; top each with a pickle round. Cover and chill as long as 1 hour if made ahead. Makes about 12 servings.

Pickled Beets with Onions

- 2 tablespoons *each* sugar, vinegar, and water
- 2 small white onions, thinly sliced
- 2 cans (16 oz. *each*) small whole pickled beets, well drained
- About 1 cup sour cream

In a small, deep bowl, stir together the sugar, vinegar, and water; add the onion slices and turn to coat with marinade. Cover and chill at least 1 hour or as long as overnight. Just before serving, combine beets and onions with marinade in a small serving bowl. Offer sour cream to spoon over individual servings. Makes 12 servings.

Butter Lettuce Garden Salad

Wash 3 large heads butter lettuce and vigorously shake off excess water. To create a garden effect, cut out cores, keeping heads intact. Arrange lettuce heads close together in a large (about 4 qt.) bowl. (Or break greens into pieces, if you like.) Cover and chill at least 2 hours to crisp.

For the dressing, combine 1 tablespoon *each* finely chopped shallots or red onion and Dijon mustard, 3 tablespoons wine vinegar, ½ cup olive oil or salad oil, and salt and pepper to taste; blend well. Serve or let stand at room temperature as long as overnight.

To serve, present dressing in a small pitcher alongside lettuce; let guests help themselves. Makes about 12 servings. □

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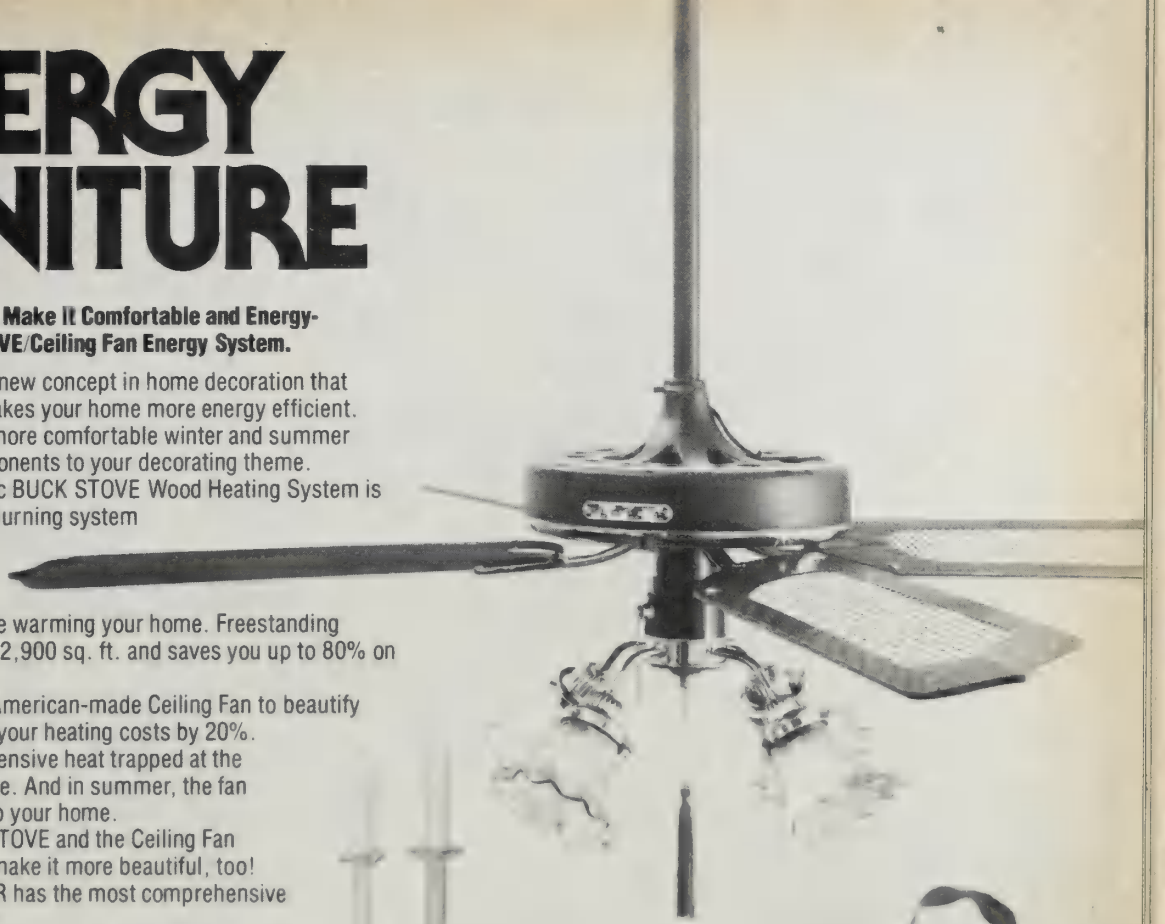

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When hash meant whacking at a wild boar

"Hash" is a word that descends from the French term for ax. One envisions the proper Frankish housewife of the middle of the last millenium whacking at chunks of boar beside the campfire while her husband glowers over his mead and grumbles that dinner is never on time.

Frenchwomen naturally tired of hefting a 10-pound chopper and insisted on the invention of the food processor, so that now hash is available to all of us with the least possible effort. Our *Chefs*, of course, immediately began to trifle with the recipe.

Here, Donald A. Black offers us his version in which the usual roast beef or corned beef is replaced by cooked ham. The food processor is still the best way to proceed, unless you have a strong arm and much patience.

More Than Hash

- 4 tablespoons butter or margarine
- 1 large onion, chopped
- ½ cup chopped parsley
- ¾ pound (about 3 cups) chopped cooked ham
- ¾ pound (about 3 cups) chopped cooked thin-skinned potatoes
- ¼ teaspoon liquid hot pepper seasoning
- 2 cups (8 oz.) shredded sharp Cheddar cheese
- 6 eggs
- 2 tablespoons Dijon mustard
- 2 cups cubed toasted bread or unseasoned croutons
- Sliced ripe olives
- Tomato wedges

Melt 2 tablespoons of butter in a 10- or 12-inch ovenproof frying pan; add onion and cook on medium heat until limp, then stir in parsley and cook 1 minute longer. Remove from heat; add ham, potatoes, hot pepper seasoning, and cheese. Mix well, then spread evenly in pan. Make 6 depressions in hash mixture; carefully break an egg into each.

In a small pan, melt the remaining 2 tablespoons butter; stir in mustard, then mix with bread cubes. Sprinkle over eggs and hash.

Bake, uncovered, in a 325° oven for 20 to 30 minutes or until eggs are set to your liking. Serve at once, garnishing individual portions with olives and tomato wedges. Makes 6 servings.

Donald A. Black

Walnut Creek, Calif.

There are people who just love a pickled egg, and there are people who don't. This is probably a genetic difference, like blue eyes or freckles.

In any event, it's fairly easy to create a pickled egg, and once you have, you can let your chromosomes deal with it as

Chefs of the West®

The Art of Cooking . . . by men . . . for men

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New Quaker Chewy Granola Bars.

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"There are people who just love a pickle egg, and there are people who don't."

they may. Bert Sincosky tells us just how it's done.

Cosky's Pickled Eggs

- 1 dozen hard-cooked eggs, shelled
- 3 cups thinly sliced carrots
- 3 cups cauliflower, in bite-size pieces
- Water
- 4 to 6 canned small yellow chilies
- 2 tablespoons whole mixed pickling spice
- 1 bay leaf
- 3 cups white vinegar

Place 6 of the eggs in a clean, sterilized ½-gallon jar. Drop the carrots and cauliflower in enough boiling water to cover vegetables; return to a boil and cook 1 minute. Drain, plunge into cold water, then drain again. Arrange half of the carrots and cauliflower on top of eggs.

Add 2 or 3 yellow chilies depending on hotness desired. Sprinkle pickling spice over peppers. Repeat layers, using the remaining eggs, carrots, cauliflower, and chilies to taste. Tuck in bay leaf. Combine vinegar and 1 cup water and pou into jar. Seal and refrigerate for 3 to weeks before serving.

Bert Sincosky

West Covina, Calif.

What do they eat for breakfast in Eu gene, Oregon? Well, Oregon is a goo green land peopled with hunters, fishe men, and farmers, so one might guess a

Sweetened with honey and raisin syrup for a taste that's unforgettable.

Unprocessed wheat bran added for natural fiber.

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Sweetened naturally with honey and naturally, with no preservatives.

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OROWEAT
Honest Bread

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acon and eggs with flapjacks; but it is lso a land of surprises. B. J. Nichols re-ently offered breakfast to the assembled *'hefs of the West* and served . . . egg foo ung. *Chef* Nichols doesn't insist that ou eat this in the morning, only that ou try it sometime, using his spelling.

ichols Eggs Fu-Yung

¾ cup regular-strength chicken broth
2 tablespoons soy sauce
½ teaspoon ground ginger
¼ teaspoon *each* liquid hot pepper seasoning and garlic powder
1 tablespoon cornstarch
⅓ cup water
6 eggs
½ cups diced, cooked pork or ham
⅔ cup thinly sliced green onion
¼ pound bean sprouts, coarsely chopped
About 4 tablespoons salad oil
4 pound mushrooms, coarsely chopped

a 1- to 2-quart pan, combine broth, y, ginger, hot pepper seasoning, and rlic powder; place over medium-high at. Combine cornstarch and water; r into broth mixture and cook, stirring, ntil bubbly and thickened. Keep warm.

at eggs thoroughly until blended; stir pork, green onion, and bean sprouts.

a 10- to 12-inch frying pan, heat 2 blespoons of the oil over medium-high at; add mushrooms and cook until liquid has evaporated. Lift out with a slotted spoon and add to egg mixture.

Add 2 tablespoons more oil to pan; when hot, pour in egg mixture in about ¼ cup portions and shape into patties. Without crowding them, cook patties until browned on both sides, about 3 minutes total. Keep warm until all the egg mixture is cooked. Serve at once, passing sauce in a separate bowl to spoon over individual portions. Serves 4 to 6.

B J Nichols

Eugene, Ore.

It's the time of year when we pray with the anonymous Scotsman,

"From ghoulies and ghosties
And long-leggety beasties
And things that go bump in the night,
Good Lord, deliver us."

Halloween is upon us, and after that, regular as clockwork, come Thanksgiving and Christmas, all good times for a pumpkin pie. But why stick with pumpkin? In the South, and on into the Caribbean, good cooks use the sweet potato, and very fine it is for the purpose. Ralph Pujolar first tasted sweet potato pie at St. Croix in the Virgin Islands, but his hostess gave him no recipe. He has worked this one up over the years.

Sweet Potato Pie St. Croix

1⅓ cups boiled, peeled, and mashed sweet potatoes, or 1 can (1 lb.) sweet potatoes or yams, drained
¼ cup butter or margarine, melted
3 eggs
⅔ cup firmly packed brown sugar
1 teaspoon ground cinnamon
¼ teaspoon *each* ground nutmeg and salt
1 teaspoon grated lemon peel
3 tablespoons lemon juice
1¾ cups half-and-half (light cream)
1 cup shredded sweetened coconut
9-inch unbaked pastry shell, at least 1¼ inches deep
Sweetened whipped cream

In a blender or food processor, combine the sweet potatoes, butter, and eggs; whirl until thoroughly blended. Add the sugar, cinnamon, nutmeg, salt, lemon peel, and lemon juice; whirl until smooth. Pour into a bowl and gradually stir in the half-and-half, then mix in the coconut. Pour into pastry shell.

Bake in a 400° oven for 10 minutes; reduce heat to 350° and bake for 45 to 50 minutes longer or until only an area in the center about 1 inch in diameter jiggles when pie is gently shaken. Cool; top with whipped cream. Serves 6.

Ralph J. Pujolar

San Francisco

DARROW M. WATT

Fresh watercress *gives pungent flavor and bright color to light, creamy soup*

Two quick hot soups . . . one's garlicky, one's watercressy

Those long-time salad favorites, watercress and garlic, take the leading role in these two quick soups for fall.

Watercress-Lemon Soup

- 1 quart water
- 2 small thin-skinned potatoes, cubed
- 4 chicken bouillon cubes
- ½ cup milk
- ½ teaspoon ground nutmeg
- 2 tablespoons cornstarch
- 4 cups lightly packed watercress leaves
- 3 tablespoons lemon juice
- Lemon slices and watercress sprigs
- Condiments (suggestions follow)

In a 4- to 5-quart pan, combine wate potatoes, and bouillon; bring to a bo cover, and simmer for 15 minutes until potatoes are very tender whe pierced. In a small bowl, blend mi smoothly with nutmeg and cornstarc Stir into potatoes and boil, stirring, un thickened. Add watercress and cook medium heat just until leaves wilt, abo 1 minute. Remove from heat.

Whirl soup, a portion at a time, in blender (first at low speed, then hig until smooth, then return to cookin pan. Stirring, bring to scalding on hig heat. Stir in lemon juice and ladle in individual bowls. Add condiments as d sired. Makes 4 to 6 servings.

Condiments: Choose 1 or more: ½ cu sour cream, 1 cup seasoned croutons, slices crisply cooked, crumbled bacon.

Garlic Soup

- 4 tablespoons butter or margarine
- 2 large onions, coarsely chopped
- 1 large carrot, sliced
- 10 to 14 cloves garlic
- 1 small thin-skinned potato, cubed
- 1 quart water
- 4 chicken bouillon cubes
- ½ cup milk
- 2 tablespoons cornstarch
- Condiments (suggestions follow)

In a 3- to 4-quart pan, melt butter ove medium heat. Add onion and carrot an cook, stirring, until onion is limp, abou 5 minutes. Stir in 10 garlic cloves an potato; cook, stirring, until garlic begin to soften (don't let it brown), about minutes. Add water and bouillon an bring to a boil; cover, and simmer, sti ring occasionally, until potato is tende when pierced, about 20 minutes.

Meanwhile, in a small bowl, blend th milk smoothly with cornstarch. Stir int soup and bring to a boil; stir and coo until thickened. Remove from heat.

Whirl soup, a portion at a time, in blender (first at low speed, then high until smooth, then return to cookin pan. Stir on medium heat until simmer ing. If you are a garlic fan, mince c press some or all of the remaining garli and stir into the soup.

Ladle into individual bowls and add con diments as desired. Makes 4 to 6 serv ings.—*J. B., Sandpoint, Idaho.*

Condiments: Choose 2 or 3: 1 cup sea soned croutons, ¾ cup grated Parmesa cheese, ½ cup chopped green onion, ½ cup sour cream, 4 slices crisply cooke and crumbled bacon.

Cure|81® Golden Praline Ham

Golden Praline Ham

1-16 oz. jar apricot-pineapple preserves
½ cup brown sugar
Pecan halves and maraschino cherries for garnish

Combine apricot-pineapple preserves with brown sugar and heat in saucepan, stirring well. Spread mixture over Cure/81 Ham for last half hour of baking. When ham is finished, garnish with alternating diagonal rows of pecan halves and cherry halves.

Cure 81® Ham. Dependability worth paying for.

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Try them soon. They'll give fresh, delicious tastes to your salads and other dishes, too. For example, "Dressed-Up Taters":

"DRESSED-UP" TATERS

4 large baking potatoes
⅓ to ¾ cup Wish-Bone Creamy Bell Pepper or Creamy Cucumber Dressing
1 cup shredded cheddar cheese (about 4 oz.)
1 cup cubed cooked ham (about ½ lb.)
Paprika

Preheat oven to 400°.

Bake potatoes until done. Scoop potato from shells, reserving shells.

In medium bowl, mash potatoes with either dressing; stir in cheese and ham. Refill shells; sprinkle with paprika. Bake 15 minutes or until heated through. Makes 4 servings.

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TERI SANDISON

Shave chocolate *with vegetable peeler onto frozen torte for garnish*

Orange-flavored chocolate torte

The delicate accent of orange pairs wit the rich flavor of chocolate in thi creamy frozen torte. You can make it u to 3 weeks ahead and freeze it.

Frozen Chocolate-Orange Torte

- 3 ounces semisweet chocolate
- 1 ounce unsweetened chocolate
- 3 tablespoons water
- 3 eggs, separated
- 1 teaspoon grated orange peel
- 2 tablespoons orange-flavored liqueur
- ¼ teaspoon cream of tartar
- ¼ cup sugar
- Chocolate crumb crust (recipe follows)
- Thin orange slices and semisweet chocolate shavings

Put chocolate squares and water in double boiler; set over hot (not boiling water, stirring occasionally, until choco late melts. Slightly beat egg yolks an add to chocolate, blending in smoothl with a wire whisk or electric mixer. Re move from heat and stir in orange pee and liqueur; set aside to cool slightly.

Meanwhile, with an electric mixer bea egg whites and cream of tartar unt foamy. Gradually add sugar and bea until whites will hold soft peaks.

Stir about ⅓ of the whites into choco late; gently fold in remaining white Pour into crust and freeze, uncovere until firm, about 2 hours. (To store, wra airtight and return to freezer.)

To serve, remove rim and garnish tort with orange slices and shaved chocolat Serves 8.—*R. E., Menlo Park, Calif.*

Chocolate crumb crust. Combine 1 cu crushed chocolate wafer crumbs and ¼ cup melted butter or margarine. Pres evenly over bottom of an 8-inch cak pan with removable bottom. Bake in 350° oven for 10 minutes; cool.

The secret of ground roast flavor.

Many's the time a clever hostess has served the ground roast flavor of Taster's Choice® Coffee under the guise of fresh-perked. For Taster's Choice is 100% freeze-dried, to look, smell and taste like ground roast. Serve some to yourself.

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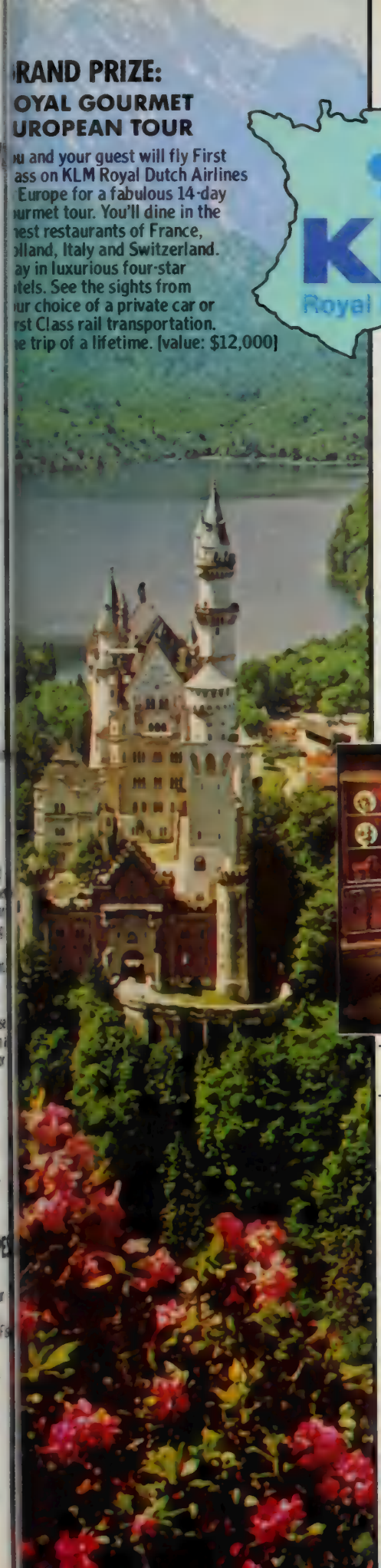

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Serve your guests in style. This elegant set includes a beautifully designed coffee service with tray, a 2 quart covered casserole with two sections and a 2 quart round covered casserole with convenient ovenproof liners. (value: $225)
*Fine silver plate

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OFFICIAL RULES

How to Enter

1. Hand-print your name, address with zip code [redacted] telephone number [redacted] a 3" x 5" piece of paper. Enclose the UPC symbol from any size package of Kraft Grated Parmesan [redacted] Romano Cheese. No proof of purchase required from Florida residents.

Four categories of recipes [redacted] offered. Handprint [redacted] recipe category you are entering in [redacted] upper right-hand corner of the 3" by 5" piece of paper. Failure [redacted] do this will invalidate your entry. The categories [redacted]:

1. Appetizers
2. Side Dishes (includes vegetables, salads & breads)
3. Main Dishes I (includes beef, pork or other red meat)
4. Main Dishes II (includes poultry, fish or meatless)

On an 8½" by 11" sheet of paper, clearly handprint or type your recipe using [redacted] least ¼ cup of Kraft Grated Parmesan and/or Romano Cheese [redacted] ingredient. Write the recipe category [redacted] upper right hand corner.

2. Submit as many recipes as you wish, but mail each separately to Kraft "Greatest Grated Recipe" Contest
P.O. Box 87583
Chicago, Illinois [redacted]

3. Contest closes January 31, 1982. All entries must be postmarked by midnight January 31st and received by February 7, 1982. Entries become the exclusive property of Kraft, Inc. No entries [redacted] correspondence will [redacted] acknowledged or returned.

4. All recipes must [redacted] contestants' original creations. In case of duplicate recipes, the earliest postmark will [redacted] judged. No previously published recipes or other contest entries are to [redacted] submitted. Recipes must include ingredients listed by standard U.S. measurements, complete, clear preparation instructions, pan sizes, times, temperature, and number of servings. Ingredients should be readily available. Only legible entries will be eligible.

5. Entries meeting the requirements of Rules 1 through 4 will [redacted] judged by Product Exposure, Inc., an independent judging organization. The top 55 recipes will [redacted] kitchen tested in the Kraft Kitchens and the final winners judged by a panel of nationally recognized food experts chosen by the judging organization.

Entries will [redacted] judged in each of [redacted] four categories on the basis of:

1	Creativity	20%
2	Appetizing Appearance	20%
3	Taste	20%
4	Ease of Preparation	20%
5	Appropriate use of Kraft Grated Cheese	20%

All judges decisions are final. Winners will [redacted] notified by April [redacted], 1982.

6. All prizes will [redacted] awarded. One Grand Prize will be awarded from all [redacted] submitted. Four First Prizes [redacted] in each category), eight Second Prizes (two in each category) and 32 Third Prizes [redacted] in each category) will [redacted] awarded.

7. Contest is open to USA residents who are 18 years or older. Void where prohibited, restricted or taxed by law. Employees and immediate family of Kraft, Inc., its advertising agencies and the judging organization are not eligible. Excluded also are chefs, food editors and home economists who are involved in the preparation of recipes [redacted] a profession. Winners may [redacted] required [redacted] execute an affidavit of eligibility and release. By entry into the contest, winners consent [redacted] the publication of their recipe in any form and the commercial use of their recipe, name and picture. No prize substitutions or transfers. Travel accommodations are by sponsor's choice. All taxes [redacted] winners' responsibility. For winners list, send a self-addressed, stamped envelope [redacted] Greatest Grated Recipe Winners List, P.O. Box 87626, Chicago, Illinois 60680.

Handsome wreath *of pumpernickel frames grape-garnished round of creamy Brie*

Round cake pan *shapes dough while it rises and bakes. Its 8-inch size fits the Brie*

DARROW M. WA

Bread braid around the Brie... it's an eye-catching appetizer

This braided wreath of pumpernickel exactly fits a round of Brie. Trimmed with a cluster of fresh grapes, the pair makes a handsome appetizer at a wine tasting or other fall gathering. Slice bread thinly; spread the cheese lavishly.

You shape and bake the bread around a pan that's the same diameter as the cheese. To serve, just place the cheese inside the bread wreath.

Buy a round of ripe Brie (domestic or imported) by its diameter. Most that are 8 inches in diameter weigh about 2 pounds. You'll also need an 8-inch round cake pan.

Pumpernickel Brie Wreath

- 1 package active dry yeast
- 1¼ cups warm water (about 110°)
- ¼ cup molasses
- 1 teaspoon salt
- 2 tablespoons butter or margarine, melted and cooled
- 1 egg, separated
- ¼ cup cocoa
- 1 tablespoon caraway seed
- 2 cups all-purpose flour
- 2¼ cups rye flour
- 1 tablespoon water
- 8-inch round (about 2 lbs.) Brie cheese
- Cluster of grapes

In a large mixer bowl, soften yeast in warm water. Stir in molasses, salt, butter, egg yolk, cocoa, and caraway. With an electric beater, slowly mix in all-purpose flour, scraping bowl often. Beat on medium speed for 8 minutes. With a heavy-duty mixer or heavy spoon, beat in rye flour, about ¼ cup at a time.

Turn dough out onto a floured board and knead until smooth, about 5 minutes. Turn dough over in a greased bowl, cover with plastic wrap, and let rise in a warm place until doubled in size, about 1½ hours.

Meanwhile, generously grease the outside of an 8-inch round cake pan and set in the center of a well-greased 14- by 17-inch baking sheet (or overlap two 10- by 15-inch rimless baking sheets, wrapping around the middle with foil to hold them together).

Punch down dough, turn out, and knea on lightly floured board until smoot Divide into 3 pieces. Roll one piece a a time (keep others covered) into smooth 36-inch-long rope. Place rope side by side on one side of cake pa Starting in the center, loosely braid rope out to each end. Wrap braid around cak pan, stretching slightly if necessary t join ends together; pinch to seal.

Cover with plastic wrap and let rise i a warm place until almost double, 4 minutes to 1 hour. Beat together the eg white and the 1 tablespoon water an lightly brush over braid (don't let eg mixture accumulate around cake pan, o bread may stick during baking).

Bake in a 350° oven for about 25 min utes or until well browned. Use a shar knife to loosen bread around cake pa then lift out pan. With a wide spatula slide wreath onto a wire rack to coo completely. Serve or wrap airtight t store at room temperature up to 1 day or freeze, wrapped, for longer storage.

To serve, place wreath on a large boar or tray. Cut about a 3-inch section int ¼-inch-thick slices (to give braid som give), then fit Brie into the center spreading wreath if necessary to make i fit. Set bread slices back in place. Gar nish with a cluster of grapes.

Let guests spread bread to make thei own servings. Serves 12 to 16.

A Chicken Almondzini you'll be nuts about!

For a touch of Italy with an elegant crunch, try this delicious tetrazzini made rich and creamy with KRAFT Real Mayonnaise, and topped with crisp, crunchy Blue Diamond® Almonds.

CHICKEN ALMONDZINI

3/4 cup KRAFT Real Mayonnaise
1/3 cup flour
2 tablespoons instant minced onion
1 teaspoon garlic salt
2-1/4 cups milk
1 cup (4 ozs.) shredded KRAFT Natural Swiss Cheese
1/3 cup dry white wine
7 ozs. spaghetti, cooked, drained
2 cups chopped cooked chicken or turkey
1 10-oz. pkg. frozen chopped broccoli, thawed, drained
1-1/4 cups Blue Diamond® Sliced Natural Almonds
1 4-oz. can sliced mushrooms, drained
1/4 cup chopped pimiento

In medium saucepan, combine mayonnaise, flour and seasonings. Gradually add milk; cook over low heat, stirring constantly until thickened. Add cheese and wine; stir until cheese melts. In large bowl, combine mayonnaise mixture, spaghetti, chicken, broccoli, 3/4 cup almonds, mushrooms and pimiento; toss lightly. Pour mixture into 11-3/4 x 7-1/2-inch baking dish. Top with remaining almonds. Bake at 350°, 40 to 45 minutes or until thoroughly heated. Makes 6 to 8 servings. Serve with grated parmesan cheese, and you've got a dish that's truly...

Delizioso!

KRAFT

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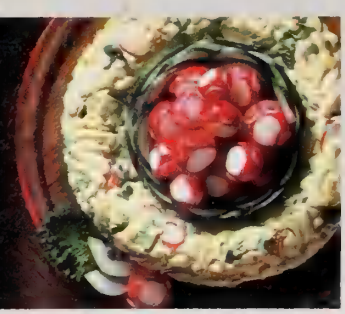

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KRAFT

DARROW M. WATT

Basics for chutney: *apples and raisins; then add onions, peppers, sugar, spices*

Your pork or ham, our chutney . . . good pairing for fall meals

The season's tart 'Newtown Pippin' apples and sweet, plump raisins are the basis of this tangy, fruity chutney that suits either a proper curry or a simple roast of pork or ham.

It's easy to make chutney. Just combine fruit and vegetables with a spiced vinegar-sugar mixture and simmer over low heat until thickened. Can the chutney (it makes a fine holiday gift) or store it in the refrigerator or freezer.

To can, boil 6 pint-size canning jars with lids and bands in water to cover for 15 minutes; keep in hot water until ready to fill.

Drain jars and fill with hot chutney to within ⅛ inch of jar rim. Run a knife blade down between food and jar to release air bubbles. Wipe rims clean with a damp cloth. Set lids on jars and screw on bands.

Cool completely in a draft-free area; then test for a good seal. Refrigerate unsealed jars.

Green Apple and Raisin Chutney

In a 6- to 8-quart kettle, combine 6 larg (about 3 lbs. total) 'Newtown Pippi apples, diced; 2 pounds (6 cups) raisin 3 medium-size onions, coarsely choppe and 2 large green peppers, seeded an coarsely chopped. Stir in 3 cups cide vinegar, ½ cup water, ¼ cup Worceste shire, 1 cup light corn syrup, 2 cup firmly packed brown sugar, 2 tabl spoons ground ginger, 1 tablespoon sal and 2 hot dried small red chilies, fine chopped.

Cover, set on high heat, and bring mi ture to boiling. Uncover, and reduce he to simmer. Cook, stirring often, fo about 1 hour or until mixture is as thic as jam.

Can and seal according to preceding d rections. Or, cool and serve. Store, co ered, in the refrigerator as long as weeks or freeze as long as 6 month Makes about 6 pints.—*J. L., Ranch Bernardo, Calif.*

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MARGARET W. PETERSEN

Simple beginnings: *Turkish main dish starts with ground lamb, eggs, seasonings*

DARROW M. WA

Country meal *centers on lamb logs baked with vegetables, accompanied by lemony beans, crunchy vegetable salad, rice. Fresh fruit makes dessert*

Country cooking from Mount Ararat ... lamb, vegetables, fruit

A pastoral history has shaped the spirit and style of Turkish home cooking. The family garden provided staples of vegetables and fruit, and lamb was the most abundant meat.

Variety was limited, but imagination was not. That is true even today. Traditional peasant dishes with recurring flavors emerge as distinct entities, to be served collectively or on their own.

The menu presented here was prepared for us by Attila Aydin, a Turkish scholar at Stanford University. It illustrates the diversity that can be achieved even when ingredients are restricted by the season or by their availability in a small garden. Mr. Aydin was raised in a tiny village at the base of Mount Ararat. His sister taught him how to prepare an abundant table from just a few ingredients.

Notice the repeated use of tomatoes, lemon, onions, carrots, potatoes, and green peppers. Also note that only 1½ pounds of lamb provides the backbone of the main dish that serves eight. With the lemon-tart beans, the meal is not only abundant in protein, it is economical.

This country dinner combines one hot meat dish, a cold bean dish, rice, a chunky vegetable salad, and bread; fruit is a refreshing close.

Turkish dinner for eight

Spicy Lamb Logs
Lemon Pinto Beans **Shepherd Salad**
Hot Rice **French Bread**
Cantaloupe and Grapes
Hot Tea

You can assemble the lamb dish several hours ahead, then bake before serving. The tomato sauce is boldly spiced Turkish-style with fiery cayenne; our version is mild by comparison, but offer a shaker of cayenne for those who wish to supplement the heat. For best flavor, make the beans the day before to give the seaso ings time to mingle and serve the dish room temperature. To speed preparati of the salad, many of the vegetables c be cut ahead, then wrapped airtight a refrigerated.

Spicy Lamb Logs (*Izmir Köfte*)

Seasoned lamb logs (recipe follows
Prepared vegetables (recipe follows
Cayenne-tomato sauce (recipe follows)
2 large (about 1 lb.) tomatoes, sliced ¼ inch thick

Arrange meat in a single layer in a 1 by 18-inch baking dish (or 2 shallow by 12-inch baking dishes). Arrange pr pared vegetables between seasoned lam logs, as shown in the photograph. Po tomato sauce over the meat and top wi slices of tomato. (At this point, lamb lo can be covered and refrigerated ove night. Bring to room temperature befo baking.)

Cover dish with foil and bake 1 hour 350°; remove foil and broil 4 inch from heat or until top of meat is light dried and faintly browned, 6 to 8 mi utes. Makes 8 servings.

Seasoned lamb logs. In a large bow thoroughly mix together 1½ poun

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Line up *lamb logs and vegetables; top with tomatoes and pungent tomato sauce*

ground lamb; 1 large onion, finely chopped; 1 cup finely chopped parsley; 2 eggs; ¾ cup fine dry bread crumbs; ¾ teaspoon salt; and ½ teaspoon black pepper. Divide meat into 16 equal portions and shape into logs 3 inches long.

Prepared vegetables. Peel 2 large (about 1 lb.) thin-skinned potatoes and cut into ¾-inch-thick sticks; set aside. Seed 2 medium-size green peppers and cut into 1-inch-wide strips; set aside. Peel 3 slender carrots; cut in half crosswise, then into ½-inch-thick strips; set aside.

Cayenne-tomato sauce. In a small bowl, combine 2 cups water; ½ cup catsup; 5 tablespoons tomato paste (half of a 6-oz. can; reserve remaining 3 oz. for bean salad that follows); 2 large cloves garlic, minced or pressed; ¾ teaspoon black pepper; and ½ teaspoon cayenne.

Lemon Pinto Beans (*Fasulye Pilaki*)

- 1 pound dried pinto or pink beans, washed and drained
- 3 quarts water
- ½ cup olive oil
- 2 medium-size onions, chopped
- 3 medium-size carrots, peeled and diced
- 5 tablespoons tomato paste (half of a 6-oz. can)
- 1 teaspoon sugar
- ½ teaspoon black pepper
- ¼ teaspoon cayenne
- 1 large (about ½ lb.) thin-skinned potato, peeled and diced
- ⅔ cup lemon juice
- Salt
- Lemons, parsley, and green onion (optional)

In a 4- to 5-quart pan, combine beans and 2 quarts of the water; bring to a boil over high heat and cook 2 minutes. Remove from heat, cover, and let stand 1 hour. Drain.

In a 10- to 12-inch frying pan, combine olive oil and onions and cook over medium heat, stirring occasionally, until onion is limp but not brown.

To beans, add the remaining 1 quart of water, onions and oil, carrots, tomato paste, sugar, black pepper, and cayenne; bring to a boil. Reduce heat to low and simmer, covered, for 30 minutes. Add potato and cook 30 minutes longer or until potato and beans can be mashed easily. Let cool; stir in lemon juice and salt to taste. (If made ahead, cover and chill.) Serve at room temperature garnished with lemon slices, parsley, and green onion. Makes 8 servings.

Shepherd Salad (*Çoban Salatasi*)

- 3 large cucumbers, peeled and diced
- 2 cups chopped green onions, tops included
- 2 cups thinly sliced radishes (about 2 bunches)
- 5 medium-size tomatoes (about 2 lbs.) cut into wedges
- 1 medium-size green pepper, seeded and chopped
- ¼ cup olive oil
- 3 tablespoons lemon juice
- ¾ teaspoon ground cumin
- Salt

In a salad bowl, combine cucumbers, green onions, radishes, tomatoes, green peppers, olive oil, lemon juice, and cumin powder. Mix well; add salt to taste. Makes 8 servings. □

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Chef Tang Kai Fu suggests tofu and ground pork over spinach

At the Rong Shing Restaurant in Cupertino, California, Chef Tang Kai Fu makes a satisfying but economical main dish that has found favor with many of his customers. He combines mild-flavored tofu with ground pork, shapes and fries the mixture, then cloaks it in a spicy sauce to serve on a bed of spinach.

Canned hot bean sauce (also called Szechwan bean sauce) gives this dish a rich, hot flavor. Look for it in Oriental markets (or substitute crushed hot red pepper). Leftover sauce can be refrigerated in a covered jar up to 3 months.

Tofu and Pork in Hot Sauce

Drain and finely mash 1 carton (16 oz.) tofu. Drain in colander at least 15 minutes. Mix the tofu with ½ pound lean ground pork, 1 egg, 1 tablespoon cornstarch, and ¼ teaspoon salt.

In a wok or deep 3- to 4-quart pan, heat 2 to 3 inches salad oil to 350°. Shape tofu mixture into 1½-inch balls and drop into hot oil as they are formed; fry without crowding. Cook until golden on all sides, about 4 minutes. Drain on paper towels; keep warm.

Stir together 4 teaspoons cornstarch, 1 tablespoon hot bean sauce (or ½ teaspoon crushed hot red pepper), 1 tablespoon soy sauce, 1 cup regular-strength chicken broth, and 1 tablespoon sliced green onions. Set aside.

Discard roots from 1 pound spinach; wash leaves and stems well and drain.

Place a 12-inch frying pan on high heat. Add spinach to pan and cook, turning leaves, just until wilted, 1 to 2 minutes. With a slotted spoon, remove leaves to a serving dish.

Dry pan and place on high heat with 1 tablespoon salad oil, 1 tablespoon minced garlic, and 1 teaspoon minced fresh ginger; cook, stirring, just until lightly browned. Add cornstarch mixture and cook, stirring, until thickened. Add tofu, stirring to coat with sauce. Spoon over spinach. Garnish with thinly sliced green onions. Makes 4 servings. □

DARROW M. WATT

Tofu-and-pork balls *combine with hot cooked rice and tea for a light, simple meal*

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Stiff, *no-knead dough goes into three 1-pound coffee cans. Sliced and toasted, English muffin bread has an open, holey texture like its muffin counterpart*

TERI SANDISON

Muffin cousin ...baked round in coffee cans

As its name implies, this batter bread a cousin to the English muffin. Baked coffee cans for the characteristic rou shape, it has an open texture that mak excellent breakfast toast with holes both sides. Or consider using the toast rounds for your favorite sandwich.

English Muffin Batter Bread

- 2 packages active dry yeast
- 2 tablespoons sugar
- 1 cup warm water (about 110°)
- Cornmeal
- 1 teaspoon salt
- About 5 cups all-purpose flour
- 1½ cups warm milk (about 110°)
- ½ teaspoon baking soda dissolved in 1 tablespoon water

In a large bowl, combine yeast and sug in the water; let stand 15 minutes until puffy.

Meanwhile, generously grease the i sides of three 1-pound coffee cans a the underside of their plastic lids. Spri kle cans and lids with cornmeal, shaki off excess; set aside.

With an electric mixer, gradually be the salt, 3 cups of the flour, and 1 cup milk into the yeast mixture, adding alte nately and beating well after each ado tion. Then add soda-water mixture a beat well to blend.

With a heavy-duty mixer or spoon, be in the remaining ½ cup milk a enough of the remaining flour (1½ to cups) to make a stiff, heavy dough th is too sticky to knead. Spoon doug equally into coffee cans and top wi lids. Let rise in a warm place until li pop off, about 45 to 60 minutes. Car fully remove lids.

Place cans upright on rack of 375° ove and bake for 25 to 30 minutes or un tops of loaves are well browned a sides and bottoms are golden (slide o out of can to test). Slide loaves out cans and stand upright on wire rack to cool.

Store airtight and keep at room tempera ture or in the refrigerator up to 4 day freeze for longer storage. Slice in round and toast to serve. Makes 3 loaves.

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8 fresh purple plums
½ cup brown sugar
3 Tbs. juice from sweet pickles

Start baking ham according to package directions. Mix sugar and pickle juice to thin paste. Halve and stone plums. For last 30 minutes of baking, arrange plums, cut-side-up, around ham. Spoon a little of the glaze into each plum and baste ham with the rest. Butternut squash and green beans go well with this.

Wilson Masterpiece Ham.

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Betty Crocker

Snackin' Cake®
QUICK BREAD

1 package Snackin' Cake® applesauce raisin, banana walnut,* carrot nut, date nut or spice raisin cake mix
¼ cup Gold Medal® all purpose flour
1 egg
1 cup water

Heat oven to 350°. Grease bottom only of loaf pan, 9x5x3 or 8½x4½x2½ inches. Mix all ingredients in bowl. Stir vigorously with fork until batter [redacted] of uniform color and consistency, about 1½ minutes. Pour into pan. Bake until wooden pick inserted in center comes out clean, 40 to 50 minutes.** Cool 10 minutes; remove from pan.

*If desired, mix in ½ cup mashed ripe banana; decrease water to 2/3 cup.
**Bake spice raisin cake mix 1 hour. Do not underbake. (Wooden pick [redacted] not accurate.)

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DARROW M. WATT

Simple elegance *in courses—cantaloupe with salami and creamy broccoli-sauced pasta*

The grand finale—*cool, sweet slices of orange topped with hot, foamy zabaglione*

OCTOBER MENUS

Quick dinner menu for six, meat-and-vegie pie that can travel, and chicken baked with potatoes

A dinner party for six that goes from stove to table in a matter of minutes offers relief this month for the hurried cook who likes to entertain. The main course is an elegantly simple pasta dish that you can follow with whipped-up-on-the-spot fruit zabaglione to serve warm over orange slices.

For a fall tailgate party or picnic, consider our easy-traveling second menu which features a double-crust meat and vegetable pie.

The third menu, designed for a casual company occasion or for a family meal features French-style mustard-seasoned chicken with potato wedges, and warm baked pears.

Quick and elegant pasta

For the pasta dish, use the very thin dry pasta labeled capellini or coil vermicelli. Serve the cantaloupe as an appetizer or with the pasta.

Salami-wrapped Cantaloupe Wedges
Capellini with Broccoli Cream Sauce
Bread Sticks Butter
Orange Zabaglione

Early in the day, you can cut the cantaloupe into thin wedges (peeled or not) and arrange them on individual plates with thinly sliced salami; allow 3 to 4 slices of each per serving. You can also organize the broccoli and cheese for the pasta dish and slice the oranges for dessert. Keep everything covered and chilled.

About 15 minutes before serving, while the water for the pasta comes to a boil, assemble and measure all the ingredients for the pasta dish, then start cooking. Also bring together ingredients for the

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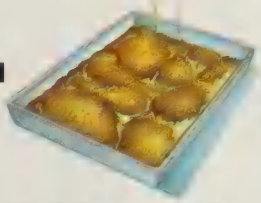

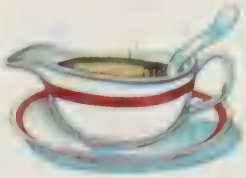

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Gravy makes any meal more of an occasion. Your family is bound to be pleased.

GENERAL FOODS

DARROW M. WATT

Hearty spread *for a picnic: a main-dish pie and Italian-style salad platter (see facing page)*

zabaglione; plan to spend about 10 minutes preparing it after the main course.

Capellini with Broccoli Cream Sauce

- 1½ pounds broccoli
- Water
- 1 package (10 oz.) capellini or coil vermicelli
- 6 tablespoons butter or margarine
- 2 cups whipping cream
- ¼ teaspoon ground nutmeg
- About 2 cups (8 to 10 oz.) freshly grated Parmesan cheese

Cut off and discard tough broccoli ends. Peel stems. Finely chop broccoli, reserving a few whole flowerets for garnish. In a large kettle, bring 5 quarts water to a boil. Add pasta; boil until tender to bite, about 2 minutes. Drain pasta, rinse with cold water, drain again.

Meanwhile, melt butter in a 12- to 14-inch frying pan on medium-high heat;

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add broccoli and ⅓ cup water. Cover and cook until broccoli is tender when pierced, about 5 minutes; set aside flowerets. Add cream and nutmeg to pan; bring to a boil, then add pasta. Cook, stirring, until mixture is hot and cream clings to pasta. Remove from heat. Sprinkle with 1¼ cups of the cheese; mix with 2 forks.

Put pasta onto a hot serving platter and top with 3 or 4 tablespoons of the remaining cheese and broccoli flowerets. Serve at once, offering extra cheese at the table. Makes 6 servings.

Orange Zabaglione

- 3 medium-size oranges
- 5 egg yolks
- 3 tablespoons sugar
- ¼ cup *each* orange juice and orange-flavored liqueur (or use all orange juice)

Cut off all the peel and white membrane from the oranges. Thinly slice fruit crosswise. Divide slices evenly among 6 dessert dishes or stemmed glasses. Cover and chill if prepared ahead.

In the top of a double boiler, beat the egg yolks, sugar, orange juice, and liqueur with a wire whip until well blended. Set over gently boiling water and cook, beating constantly with the wire whip, until volume triples and soft peaks form, about 5 minutes. Pour equal portions over orange slices in dishes and serve immediately. Serves 6.

Fall picnic with a pie

Serve the hearty meat pie hot from the oven, or let it cool to room temperature and tote it to your picnic site.

Antipasto

Red Bell Pepper Strips *Ripe Olives*
Marinated Artichokes
Marinated Mushrooms
Sausage Picnic Pie
Grapes **Apples**
Bel Paese **Cookies**

To get a head start, you can prepare the meat filling and pastry for the pie a day ahead. Then early on the day of your picnic, assemble and bake the pie.

Sausage Picnic Pie

- 3 mild Italian sausages (about ¾ lb.), casings removed
- ½ pound ground lean pork or beef
- 1 medium-size onion, chopped
- 2 cloves garlic, minced or pressed
- 1 teaspoon oregano leaves
- ¼ cup chopped parsley
- 5 eggs
- ⅓ cup grated Parmesan cheese
- 1 bunch spinach (about 1 lb.), washed and drained
- Pastry for a 9-inch double-crust pie
- Milk

Crumble the sausage and pork in a 10-12-inch frying pan; add the onion and

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garlic. Cook, stirring, over medium-high heat until meat browns and onion is limp. Using a slotted spoon, transfer meat mixture to a bowl; stir in the oregano and parsley. Cool slightly; stir in the eggs and ¼ cup of the cheese.

Discard all but 1 tablespoon of the drippings from pan; add spinach. Cover and cook over medium heat until spinach wilts, about 2 minutes; drain well.

Divide pastry in half. Roll each half out on a floured board to make a 10-inch circle. Line a 9-inch pie pan with one pastry circle. Pour half the meat mixture into pastry-lined pan, top with spinach, then add the remaining meat mixture. Set other pastry circle on top of pie; fold over bottom pastry and crimp edges. Cut out a 1-inch circle from center of top pastry. Brush pastry with milk, then sprinkle with the remaining cheese.

Bake in a 375° oven for 45 minutes or until crust is light brown. Cool slightly on a rack and serve hot. Or cool completely and serve at room temperature. Makes 6 to 8 servings.

French oven dinner

Conserve time and energy by baking chicken, potatoes, and pears side by side in the oven.

Oven-fried Chicken, Normandy-style
Roasted Potato Wedges
Sautéed Zucchini and Tomatoes
Baked Pears

About 1¼ hours before serving, get the chicken, potatoes, and pears ready for the oven. While they bake, quickly sauté thinly sliced zucchini and garnish with chopped fresh tomato.

Oven-fried Chicken, Normandy-style, with Roasted Potato Wedges

- ½ cup (¼ lb.) butter or margarine
- 2 tablespoons Dijon mustard
- 1½ pounds russet potatoes, scrubbed
- 4 large (about 2½ lbs. total) chicken legs with thighs attached
- 1½ to 2 cups seasoned croutons, crushed to fine crumbs

Place the butter in the bottom of a broiler pan at least 1 inch deep or in a 9- by 13-inch baking pan; set in a 400° oven to melt. Pour 3 tablespoons of the butter into a shallow dish; blend in the mustard.

Cut potatoes lengthwise into 1-inch wedges. Put in pan with butter; turn to coat all sides.

Set top of broiler pan in place (or rest a cake rack on pan over potatoes). Coat chicken pieces in mustard mixture, then crumbs, shaking off excess. Arrange skin side up on broiler pan or rack. Bake uncovered in a 400° oven until meat near thigh bone is no longer pink when slashed with a knife, about 45 minutes. Makes 4 servings.

This pie takes the cake.

The most unlikely delight since carrots in a cake—golden-green California Avocados in a light, luscious pie that's made in minutes. And Knox® Unflavored Gelatine makes it no-bake. The texture is meltingly smooth, consistently perfect. Better try it. This pie is going places.

California Avocado Chiffon Pie.

1 envelope Knox Unflavored Gelatine
6 Tablespoons sugar
2 eggs, separated
1½ cups milk
1 California Avocado, peeled, pitted and mashed (1 cup)
1/4 cup lemon juice
9-inch graham cracker crust

In medium saucepan, mix unflavored gelatine with 4 tablespoons sugar; blend in egg yolks beaten with milk. Let stand 1 minute. Stir over low heat until gelatine is completely dissolved, about 5 minutes. With wire whip or rotary beater, blend in avocado and lemon juice. Pour into large bowl and chill, stirring occasionally, until mixture mounds slightly when dropped from spoon.

In medium bowl, beat egg whites until soft peaks form; gradually add remaining sugar and beat until stiff. Fold into gelatine mixture. Turn into prepared crust; chill until firm. Brush generously with additional lemon juice. Garnish, if desired, with whipped cream. Makes about 8 servings.

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To enter, fill in the entry form below l attach the ten-digit UPC Code cut from ner a 12-count or 18-count Old El Paso® o Shell Box, or, in lieu of the UPC code, may hand-print your name and address l the words "Old El Paso" on a 3 x 5 card. mechanical reproductions allowed. il your entry to Fiesta Sweepstakes, Box , Brookfield, CT 06804.

Enter as often as you wish. You must age 18 or over to enter. Each entry must n a separate envelope. Entries must postmarked by December 31, 1981, and ived by January 11, 1982. Sweepstakes wing date is January 18, 1982.

Winners will be determined in random wings from all eligible entries, con- ted by Marketing Corporation of Amer- whose decisions are final. Winners be notified by mail within two weeks of wing date.

Grand prize will consist of air trans- tation for 2 to Acapulco on Mexicana nes and boat transportation from pulco to Los Angeles on the Pacific Prin- s. Stateroom will be deluxe class. Return sportation from Los Angeles to point rigin will also be provided. There will be irst prizes of SilverStone® coated ele- skillets; 75 second prizes of SilverStone ted bakeware; 250 third prizes of erStone coated frypans. All prizes will warded. There will be no cash or other rnatives for prizes. Only one prize per ily. Odds of winning will be determined he number of qualifying entries received. Local, state and federal taxes, if any the responsibility of winners. Sweep- kes open to residents of U.S. except ates where void. Employees of Pet Incor- ated, E. I. DuPont, their subsidiaries, ncies and their families are not eligible. d wherever prohibited, taxed or restricted aw.

To obtain a list of major prize winners ilable after January 18, 1982), send nped self-addressed envelope to: Fiesta ners List, P.O. Box 360, Brookfield, 6804.

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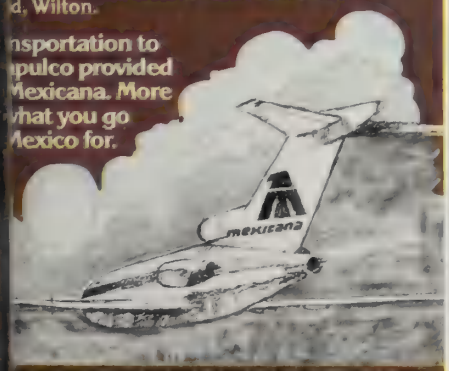

Enter me in the Fiesta Sweepstakes. I have attached the UPC Code symbol from either a 12- or 18-count box of Old El Paso® Taco Shells® or the words "Old El Paso" hand printed on a 3 x 5 card.

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CITY

STATE ZIP

Entry must be postmarked by December 31, 1981. Mail Your Completed Entry Form to: Fiesta Sweepstakes, P.O. Box 350, Brookfield, CT 06804.

Residents of California may submit UPC codes from 8 oz. Taco Sauce or Refried Beans.

TERI SANDISON

Baked *with a topping of fish mousse, thick salmon steak is surrounded by a creamy butter sauce, pea pods, and tiny carrots*

Mousse on top makes baked salmon even more special

Crowned with puffy mounds of gold-tinged fish mousse, salmon steaks become an elegant company entrée. You can assemble this dish early in the day, ready to put in the oven shortly before serving.

The delicate butter sauce (*beurre blanc*) that accompanies the salmon also complements tender-crisp Chinese pea pods and tiny carrots. Crusty bread and a dry white wine complete the main course.

Mousse-topped Baked Salmon Steaks

- ½ pound lingcod or sole fillets, skinned
- 1 egg
- ½ cup whipping cream
- 4 salmon steaks, *each* 1 inch thick
- 1 cup dry white wine
- ½ teaspoon thyme leaves
- 1 green onion, finely chopped
- 4 tablespoons butter or margarine cut in 2 or 3 pieces
- Salt and pepper
- Watercress sprigs

Cut fish fillets into chunks, discarding any bones. Place in food processor and whirl until puréed (or put through the fine blade of a food chopper). Add the egg and ¼ cup of the cream; mix well to blend thoroughly.

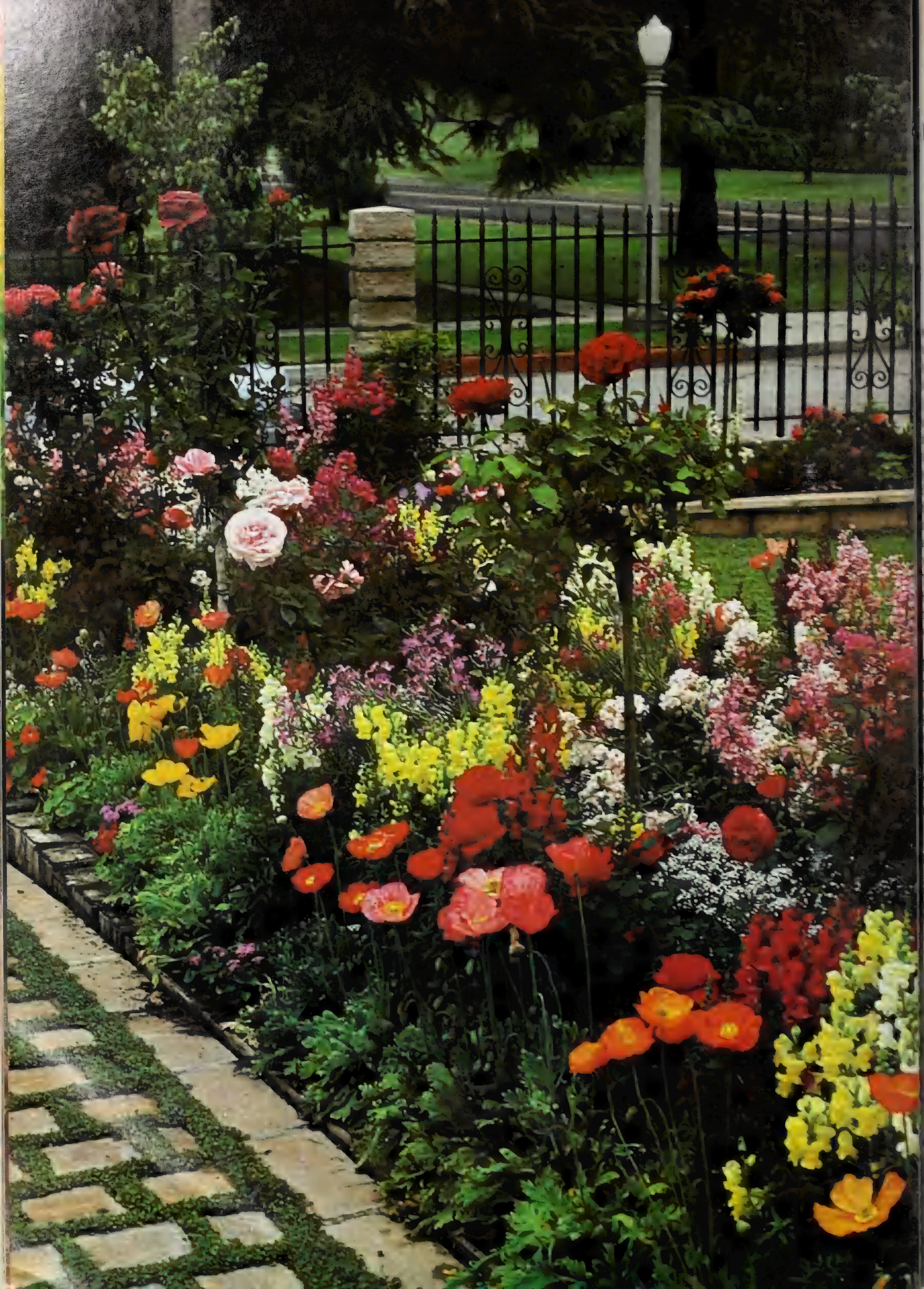
Arrange salmon steaks side by side in a 9- by 13-inch baking dish. Evenly spread the fish mixture over each. (At this point, you can cover and refrigerate the dish up to 6 hours.)

Just before baking, pour wine around steaks. Bake, uncovered, in a 450° oven for 15 minutes or until mousse is delicately browned and salmon flakes when prodded with a fork in the thickest portion.

With a slotted spatula, carefully transfer steaks to warm dinner plates; keep warm. Pour cooking liquid through a wire strainer into a 10- to 12-inch frying pan. Add cream, thyme, and green onion and boil, stirring rapidly, until reduced to ½ cup. Remove pan from heat or turn heat to low.

With wire whip or spoon, stir in the butter, a lump at a time, blending constantly to incorporate quickly the melting butter, which thickens the sauce. Season to taste with salt and pepper.

Spoon sauce around salmon steaks. Garnish each serving with a cluster of watercress. Makes 4 servings. □



OCTOBER IN YOUR GARDEN:

It's time. Fall planting time. Here are ideas for bulb, seed, seedling, tree, and shrub planting

)ctober gardening is like money in the ›ank: seeds, seedlings, bulbs, and trans-›lants put into the ground now quietly ›uild into big spring payoffs.

'our initial investment includes time for leaning up, digging, shopping, planting, nd watering. Start with a brief inven-›ry of supplies and plants you'll need see the check list on next page for spe-ific choices). Then, if bulbs and spring ower displays top your list, turn to ar-cles on page 98 and 248; see pages 92 nd 250 if permanent landscaping is our target.

'he month has its own rewards: late-looming chrysanthemums and roses, the r= flush of fall leaf color, and the har-est of late-season vegetables.

'wo aids to fall planting

he weather is often summer-hot when ıll planting gets underway this month. 'ere are two suggestions to ease things ›r you and your new plants.

' you're planning a weekend planting ›ssion, irrigate the target area on the uesday, Wednesday, or Thursday eve-ing beforehand (the more clayey the soil, the earlier in the week you water). A few days after a good sprinkling, the soil should be moist enough to sink a spade into fairly easily, but not so wet that it compacts underfoot. Dirt clods also break up better when moist.

After planting, it helps to use a soil penetrant in the first watering. (Following label directions, mix it with water in a sprinkling can.) The additive makes water "wetter," allowing it to sink quickly into the ground instead of ponding or rolling off. Particularly in heavy or dried-out soils, a penetrant can help ensure that the rootballs of new plants get the initial deep soaking they need.

A new kind of pansy

When you shop for pansies this month, you may find an unfamiliar name: Universal. This new strain of hybrids has been developed to withstand more heat and cold than other pansy varieties—and to produce more flowers over a longer period. Ones you plant now could still be going strong when petunia-planting time arrives in late April.

You'll find a wide color range in the Universal strain. Some flowers are solid white, yellow, orange, or blue. Others have dark blotches in the center, which produce the familiar pansy "face"; these come in combinations of yellow, red, light blue, dark blue, and purple.

Now you can mail-order from Stockton's oldest retail seed store

For several decades, Lockhart Seeds, Inc., in downtown Stockton has welcomed over-the-counter seed sales. (It's one of only two remaining old-fashioned seed stores in northern California.) But now, if you can't do your buying in person, you can order seed by mail.

The company specializes in varieties well adapted to the Central Valley's climate, but offers a general selection of vegetable (and some flower) seeds as well. To get a copy of the new catalog, send $1 (refundable with your first order) to Lockhart Seeds, Inc., 3 N. Wilson Way, Box 1361, Stockton, Calif. 95201. The catalog will be mailed in January.

ing payoff from fall planting

inspiration for Elna Winckler nnessen's garden came from ›pe, where the flower combination d be planted in early spring. In elevation northern California, you ›lant these plants now and enjoy the ' until spring's first hot days. In the ground are Iceland poppies and nculus. Behind these are white t alyssum; yellow, pink, and red dragons; and pink stock. This ıre was taken when the garden was peak in mid-April.

re planting in the fall, Mrs. nnessen spades in lots of compost, blood meal, and bonemeal. The are allowed to sit for about a week, planted from sixpacks and flats. ı complete list of all the varieties, 's, and heights of these cool-season ing plants that will be available in eries this fall, see page 248. And for planation of the interesting paving ›ination at lower left, see page 249.

Sunset's GARDEN GUIDE

Special information for high elevations, page 26(

DARROW M. WATT

Formal rose garden *in Sacramento's Fountain Square Nursery will be the site of an October show*

October rose show . . . near Sacramento

An event this month offers rose fanciers some special opportunities. First, it's a *fall* rose show (most rose shows are held in the spring) timed to exhibit autumn's colorful burst of blossoms. And second, it's a chance to look and shop for a wide variety of roses.

The show is scheduled for the weekend of October 3 and 4 at Fountain Square Nursery in Citrus Heights. The event's cosponsor, the Sierra Foothills Rose So-

Sunset's GARDEN GUIDE

DARROW M. WATT

Easy-to-grow godetias *bear silky, blotched blossoms in pink, cerise, salmon, lavender, and white shades. They're long-lasting cut flowers*

ciety, welcomes cut flower entries from nonmembers as well as members. You're welcome to come and browse through the nursery's permanent rose garden and consult with staff and volunteer rosarians on hand for the occasion.

While you're there, take a look at the All-America display garden, where you can preview 1982's winning rose varieties before the first shipments arrive next January. You can place an order for these or other special roses to pick up this winter for bare-root planting.

The nursery is at 7115 Greenback Lane (from Interstate 80, take the Greenback Lane turnoff east 2 miles). Show hours are 12:30 to 6 Saturday, 9 to 5 Sunday.

Welcome spring with fall-sown godetias

Topping the list of once popular but commonly overlooked annuals is a stunning cool-weather flower called godetia (*Clarkia amoena*). Its poetic common name, farewell-to-spring, aptly describes its blooming season—late spring to early summer (about June to August). Like many other spring flowers, godetia grows easily from seed sown directly in the ground this month, then self-sows readily year after year.

Godetia seeds, usually of mixed colors, are sold either separately or in packets of mixed wildflower seeds on most nursery seed racks.

By mail, you can order dwarf forms (low and spreading, about 10 inches tall) from Burpee Seed Co., 6350 Rutland Ave., Riverside, Calif. 92502; and from Thompson & Morgan, Box 100, Farmingdale, N.J. 07727, which also offers hard-to-find named varieties from England. Seeds of the 2- to 3-foot-tall wildflower species are available from Clyde Robin Seed Co., Inc., Box 2855, Castro Valley, Calif. 94546.

Flow control: *meter screws onto fauce shuts off hose at predialed settin*

Hook up a helpful water-minder

Soil-drenching rains are still nearly tw months away and, with October's plan ing jobs, garden watering is as much necessity as ever. An inexpensive mete can save you time and water while yo get new lawns and ground covers started

Sold for $7 to $16, a water-powere timer like the one pictured above fi easily onto a faucet. You dial the num ber of gallons (in hundreds of gallons and the "timer" shuts off when tha amount is delivered. Some models als have a continuous flow setting, so yo can run the hose normally.

If you have low water pressure or pla to use the device on a pressure-reduce drip system, check the instructions firs since not all types run properly if wate flow (or pressure) is too low.

Good ground covers for Fresno

Comparison plots at Cal State Fresn provide a good look at how differen ground covers perform in the area. Som of the top performers are old standby in Fresno gardens; others suggest ne

OCTOBER CHECK LIST: *Here are early fall priorities*

☐ **Amend soil.** As you take out summer flowers and vegetables, dig in compost, nitrogen-stabilized ground bark, or other soil amendments before replanting with cool-season varieties.

☐ **Clean up.** Clear out fallen leaves, weeds, and other debris that, left in place, can become daytime depots for slugs, snails, earwigs, and other night feeders. Pick up sacks of potting soil, pots, and leftover planting flats, too, or you'll soon have a colony of the critters hiding underneath.

☐ **Dig summer corms, tubers.** Withhold water when gladiolus and tuberous begonias begin to fade; lift them when tops yellow and die. Then snap off ripened foliage, clean off tubers and corms, and store them in a cool, dry place. For directions with dahlias, see page 254.

☐ **Feed and groom roses.** Keep picking flowers as they fade to prolong fall blooming. (Remember to cut to a five-part leaf.) For November flowers, feed plants a final time before midmonth and continue deep watering. Now's a fine time to preview new roses for bare-root buying this winter. Sacramento rose growers: see item on page 245 of this guide.

☐ **Plant for winter color.** Se these out as early as possible if you want them well establishe (and blooming) in November an December: calendulas, cyclamen dianthus, Iceland poppies, pansies primulas, snapdragons, stock, an violas. Near the coast, include cineraria, nemesia, and schizanthus.

☐ **Plant new lawns and feed old ones.** The cool-season grasses—bent, bluegrass, fescue, and rye—put on a growth spurt this month. Feed these lawns now: water and mow regularly with mower blades set at about 1½ inches. Reseed bald spots and sow new lawns

options you may want to try.

Blue star creeper (*Laurentia fluviatilis*) outshines most of its neighbors in shaded beds. (With plenty of water, it will also grow in full sun.) The dependable, lush green cover of two old-timers—sweet woodruff (*Galium odoratum*) and ground ivy (*Glechoma hederacea*)—will make you wonder why these shade lovers aren't more widely available.

In full sun, *Veronica repens* forms an excellent tight mat. Green carpet (*Herniaria glabra*) and mother-of-thyme (*Thymus praecox arcticus*) score equally high points for sunny locations. Creeping wire vine (*Muehlenbeckia axillaris*) is a top summer performer, but frosts turn it twiggy and red-leafed in the winter.

Leaves on all of these ground covers are small and dense—ideal in small areas and around rocks or paving. This month is a good time to plant them, and if you'd like to see and judge them for yourself, you're welcome to visit the demonstration area at the Ornamental Horticulture Department greenhouses, located on the east side of the campus at Barstow and Chestnut avenues.

In a nearby area, you can also see almost 40 varieties of Sasanqua camellias—some will be blooming this month—and the first stage of a collection of dwarf shrubs—all watered by drip irrigation.

BILL ROSS

Decorative basket *has a permanent place on this patio: it's ready to receive short-order prunings*

Wastebaskets go outdoors

Visiting a reader's garden last spring, we spotted a handsome basket standing empty amid a collection of patio ferns and hanging flower baskets. A temporary vacancy? No, replied the exemplary gardener, it was simply a garden wastebasket, placed where he could easily drop dead blossoms and leaves.

It's an idea well worth trying—especially if you're an after-five gardener who plucks weeds and pinches seed pods on the way to the mailbox or traveling from the garage to the front door. Stash a basket in various garden corners and you may find weeding and pruning a much simpler routine.

Collect fall planting ideas in Palo Alto's demonstration garden

Last spring, the Peninsula Conservation Center in Palo Alto, California, celebrated the opening of its Water Conserving Demonstration Garden. This month is one of the best times to see it.

Designed and installed by the State Department of Water Resources, the garden illustrates a number of water-saving features for home gardeners—all packed into an attractive, remodeled area about the size of a front yard.

Ground covers, shrubs, and flower borders are all water-saving plants. The water-wise ideas on view include automated drip irrigation systems, samples of porous pavings (so rainfall is recycled), mulches, and ornamental edibles.

A free brochure available at the center's front door gives a plan and plant list to help guide you through the garden.

You can visit the garden, at 2253 Park Boulevard, anytime. If you're there during office hours (9 to 5 Monday through Friday), you can ask questions or buy related gardening and conservation publications in the PCC shop. Docent-guided tours of the garden are also available for groups: call (415) 328-5313. □

NORMAN A. PLATE

Pretty but practical: *circular herb garden, 'Alta' fescue lawn, porous pavings, and unthirsty shrub borders show water-saving design. Plant labels and lists aid their tour*

or lay out sod now, then water religiously to keep new growth unchecked: winter rains probably won't do the job until November.

☐ **Plant perennials.** Nurseries stock many kinds now in six-pack sizes for fall planting. Choices include campanula, candytuft, carnations, columbine, coral bells, delphinium, dianthus, English daisy, Ierembergia, penstemon, and shasta daisy. Propagate by lifting and dividing overgrown perennial clumps in your own or friends' gardens now.

☐ **Plant spring-flowering bulbs.** These can all be planted now: crocus, daffodils, bearded iris, Dutch hyacinths, Dutch iris, freesias, grape hyacinths, leucojum, narcissus, and tulips. For a change, try ixia, ornithogalum, Peruvian scilla, sparaxis, tritonia, and watsonia. For continuous bloom, set out anemones and ranunculus at three-week intervals from now through November. For ideas on bulbs in containers, see page 98.

☐ **Plant trees, shrubs, ground covers, and vines.** This is the peak of the fall planting season: container-grown landscape materials of almost every kind (except frost-tender plants) get a strong head start over the same plants you put out in the spring. To help plants develop good root systems between now and spring, dig ample planting holes, mix in soil amendment, and water in well.

☐ **Plant vegetables.** Onions from sets and peas and radishes from seed grow well now, but it's getting a little late to plant other cool-season crops before winter chill slows growth, particularly in the Central Valley. Finish sowing seeds of beets, carrots, and spinach and setting out cabbage, broccoli, cauliflower, chard, and lettuce plants—or wait until February.

☐ **Sow flower seeds.** Plant sweet pea seeds now for bloom in late winter or early spring. Sow any of the following thickly for a bulb cover or scatter them in open patches for a natural, wildflower look: baby blue eyes, bachelor's buttons, California poppy, clarkia, forget-me-not, and sweet alyssum.

Old hands share their fall planting secrets

JERRY FREDRICK

Colorful border *of fall-planted annuals is set off handsomely by dichondra-laced driveway*

The fall-planted garden on page 244 is in Los Angeles, but gardeners at low elevations anywhere in California or Arizona can achieve similar results next spring by planting this month. Cool-season annuals planted in October have a big advantage over the same plants started in early spring: they have lots of time to form deep, extensive root systems. Large root systems mean more flowers—and let you get by with less watering next spring, if winter rains have been generous.

Here we offer an annotated list of the kinds of snapdragons, pansy, stock, Iceland poppy, sweet alyssum, ranunculus—plants Mrs. Johannessen used—available in Western nurseries this month. (Gardeners in the cold-winter West will have to wait until early next spring.) Most of these plants will be sold in six-packs, 4-inch pots, flats, or gallon cans.

The six kinds of plants that Mrs. Johannessen used do not constitute the entire planting list for winter and spring flowers; you'll find more in the Garden Guide check list.

For novice gardeners, there's an element of the unknown about setting new plants into the ground; what happens in the ensuing weeks and months seems like anybody's guess. To help, *Sunset* consulted a panel of "old hands" who have grown these plants for years. Their observations are listed after the variety descriptions of each plant.

Plant snapdragons as soon as you can get them

New varieties of ankle-high snapdragons can serve as low borders or edgings; use taller varieties for masses of background color. Here, snaps are listed from short to tall. Snaps are mostly available as mixed-color bedding plants, but some single-color flats are also available. Colors range from white, yellow, orange, rose, pink, and red to almost purple.

Floral Carpet mix grows about 6 to 8 inches tall. Pixie has butterfly-like flowers on stems that are also about 6 to 8 inches tall; Little Darling reaches 12 to 15 inches. The mixed flowers of Sprite reach about 20 inches in height, and Madame Butterfly and Tetra mix each will grow to between 24 and 30 inches high. For taller snaps, choose Rocket mix, with flowers 30 to 48 inches tall, or Super Tetra, with 36-inch-tall flowers.

Old-timers' secrets. Space short varieties of snapdragons about 6 to 8 inches apart, taller varieties about 10 to 12 inches apart. Plant snapdragons early (translation: the same day they appear in your nursery). If snaps can form buds and bloom by Christmas or before hard frosts, you will have winter-long flowers.

Snaps seem to do best in inland areas. The damp coastal air tends to cause plants to rust. Tetra varieties are resistant (but not immune) to rust. To reduce rust problems, change planting locations from year to year. Avoid overhead watering.

Very tall snaps may need staking.

Each pansy plant becomes a nonstop flower factory

Pansies are sold in single and mixed colors of white, yellow, orange, red, purple, and blue. Some varieties are "faced"—that is, they have blotches of a darker color near the center or on upper peta of the flower. Plants grow about 6 to inches tall.

Crystal Bowl flowers have no blotche flowers are pastel colors, about 1½ to inches across. King Size mix flowers a similar, but blotched. For larger-flow ered pansies, choose Majestic Giant mi or Super Jumbo or Swiss Jumbo mixe each with 3- to 4-inch-wide flowers.

For a powder blue planting, choos 'Azure Blue' or 'Imperial Blue', eac with 2- to 3-inch flowers. For darke blues, choose 'Blue Lake of Thu ('Thunnersee' is the same variety), c 'True Blue'. Each of these will produc 2- to 3-inch-diameter flowers.

For beds of sunny color, you could o for 'Pay Dirt Yellow', a clear yello pansy with 2½-inch flowers. The flowe on 'Golden Champion' are a slightl darker yellow, about 3 inches acros Tangelo-colored flowers on 'Paramour Orange' are about 2 to 3 inches across.

Old-timers' secrets. Pansies respond t heavy feeding more than do other wi ter-blooming annuals. Use a complet fertilizer at least once a month.

Smaller-flowered kinds are tougher an stand up better against heat, pelting rai or overhead sprinkling.

Pansies are excellent choices for long lasting color, especially in cool area along the coast. To prolong bloom, re move faded flowers along with som foliage.

Spicy fragrances, many colors. That's stock

Stock produces spicy-smelling bloom that make excellent cut flowers. Color include white, cream, pink, red, laven der, and purple. The flowers are carrie on long stems above gray-green foliage Here, too, plants are arranged accordin to height.

As its name implies, the Dwarf Seve Week mix is short (12 to 15 inches), an blooms about seven weeks after planting Dwarf Ten Week mix is about 3 to 6 inches taller, and blooms three week later. Another mix, Trysomic, is simila in color and height to the Dwarf Te Week mixture. Giant Imperial stock i available in single or mixed flower color with single or double flowers: plant reach about 2 feet in height. Brompto

ix reaches about 2 feet tall, Column ix about 2 to 3 feet.

ld-timers' secrets. For lots of cut flow-s, plant multiple-branching varieties ch as Giant Imperial, Dwarf Ten eek, or Trysomic. Stock needs fluffy, rtile soil, good drainage, cool weather. ants tolerate some frost, but will not wer if nights are too cold. Late plant-g means late bloom. Go easy on the trogen when you feed, and be sure to atch out for aphids.

Iceland poppies: big, cup-shaped flowers

eland poppies are sold in single and xed shades of pink, rose, red, yellow, d orange. Champagne Bubbles has 14-16-inch-tall flower stalks with blooms o 6 inches across. Most nurseries have s variety. Sparkling Bubbles holds 5-ch flowers aloft on thick stems that nd up against high winds; flower lks get about 12 to 14 inches tall. An l strain, Artist's Glory, reaches about to 28 inches.

d-timers' secrets. For bloom through-t winter and spring, plant Iceland pop-s as soon as they're available in the rseries.

ampagne Bubbles and some other ieties are prone to "lobster claw"—a ndition where the flower forms but es not open. Sparkling Bubbles is a wer strain that supposedly resists this. move whole plants that bear lobster ws—they'll never flower properly.

ater Iceland poppies at the base; over-ad watering (especially on Artist's ory) causes flowers to droop.

prolong bloom, remove faded blooms ar the bases of plants.

or white, pink, red, or purple ankle height...sweet alyssum

eet alyssum is available in four colors white, pink, red, and purple. It is ex-lent as a low border or edging plant as a filler over spring-blooming bulbs. use it by itself in large, wavy drifts.

arpet of Snow' is one white variety t grows about 4 to 6 inches tall; 'Tiny n', another white, stays about 3 to 5 hes high. 'Rosie O'Day' is pink; 'Mid-ht' and 'Royal Carpet' are purple. onderland' has red flowers. All four these will grow 4 to 6 inches tall.

l-timers' secrets. Our old-timers were husiastic about sweet alyssum: "There s, there it will be forever. What could easier?" Another said, "You'd have to crazy to plant from flats; it only takes out 6 days from seed!" Still another: like the Victorian sachet smell."

eet alyssum reseeds itself easily. How-r, you'll find that the colored forms usually revert to white.

To prolong bloom, cut plants back nearly to the ground when they start to look ratty.

Ranunculus: it may be the showiest plant on the list

Six different solid colors of ranunculus are available: red, rose, pink, orange, yellow, white. Picotee ranunculus are two-toned, their flowers edged with a second color.

Plant ranunculus after there's any chance of hot weather—from about mid-October to early January is best for Southern California. Tubers range in size from 3/8 inch to more than 1 inch. The larger the tuber and the earlier you plant, the more flowers you will get per plant (a large tuber can produce more than 50).

For more on ranunculus, see page 92 of the November 1979 *Sunset* and page 229 of the November 1980 *Sunset*.

Old-timers' secrets. Ranunculus do best in a loamy, well-drained soil and in lots of sunlight. The only feeding that's really necessary is a complete bulb food (applied according to label instructions) at planting time. After planting, water tubers thoroughly. Don't water again, unless weather is absolutely scorching, until first foliage appears. Our grizzled vets loved ranunculus: "It's the most rewarding bulb for the money spent."

The border's seventh ingredient is roses. Bloom starts in April

To complement its carpet of winter- and spring-blooming annuals, Mrs. Johannessen's garden contains 26 tree and shrub roses. (Roses here are grouped by flower color.)

Here are her choices. Reds: 'Aquarius', 'Bing Crosby', 'Cara Mia', 'Chrysler Imperial', 'Love', and 'Mr. Lincoln'. 'Disco' has red flowers with white undersides. Yellows: 'King's Ransom', 'Oregold', and 'Peace'. 'Joseph's Coat' is a yellow-and-red combination. Pinks: 'Duet' and 'Queen Elizabeth'.

You can plant roses from containers (many are now in full bloom) or wait until the bare-root season begins in January, when plants will cost less. □

Driveway as a dichondra quilt?

Driveways are seldom thought of as garden areas—that's what so unusual about the natural-toned quilted effect in Elna Winckler Johannessen's fan-shaped drive in Los Angeles. (It's shown up close at right and in the color photograph on page 244.)

To make the driveway, 6- by 6-inch slumpstone pavers were set 1 inch apart on a base of rolled sand. Good soil was brushed into the gaps between stones, then planted with started plants of dichondra. The dichondra was cut into strips and pressed into place with sticks. The entire drive, 40 feet long and 12 to 17 feet wide, called for 150 square feet of dichondra (sold in rolls) and took three men just over a day to plant.

Care isn't too different from a normal dichondra lawn. It gets sprinkled once a day (twice on hot days) and fed every two weeks with a mild chemical fertilizer or fish emulsion. Foot traffic keeps the dichondra "mowed." Seldom-traveled areas get an occasional trimming with clippers when the dichondra gets lanky.

To control the ubiquitous flea beetle, the bane of dichondra lawns, the Johannessens spray with diazinon in July and August. Flea beetle problems seem to be worse in shadier patches. (For more information on control of dichondra flea beetles, see page 160 of the August 1979 *Sunset*.)

How do dichondra and car traffic mix? "I don't know," Mrs. Johannessen admits. "It's too beautiful to drive on; we usually park in the street."

JERRY FREDRICK

Growing *between slumpstone pavers, dichondra gives driveway a soft, quilted look*

DARROW M. WAI

White cloud of bloom *makes Japanese flowering crabapple (Malus floribunda) a garden centerpiece in spring. To get a full, balanced tree at maturity, shop for a well-branched one—in a container now (right), or during bare-root season this winter*

Spring wonders . . . crabapples. It's choosing time, planting time

Supertrees—that's one way to think of the versatile flowering crabapples. Of all the spring-flowering fruit trees, crabs are the longest-lived and least fussy, and are nearly as showy as any of them.

Well suited to the West—except low and intermediate desert and along coastal Southern California—crabapples range in height from 10 to 40 feet. But only a few dozen of the more than 200 known varieties are available in nurseries, and fewer still are found widely.

The challenge comes in finding many of the varieties described in the chart on page 252. If your nursery doesn't stock them and can't order the ones you want, try the mail-order dealers listed at the end of this article.

Use flowering crabs for an open screen with shrubs underneath, as lawn trees, or along sidewalk, road, or driveway.

Provide good, well-drained soil if you can; they'll survive, though, even in rocky or slightly alkaline or acid soil. The two best times to buy them are now, when they are in leaf in nursery containers, and in bare-root season (December to June, depending on your climate). Planting now will give the tree a chance to establish roots before spring growth starts, and you can preview leaf color. Bare-root planting usually fosters best long-term performance, and trees sold this way are slightly less expensive. You can expect some bloom the first spring.

Like their cousins the apple trees, crabs

NORMAN A. PLATE

Spring bloom, summer fruit. *Bechtel crabapple flowers (left) are pink, fragrant. Malus 'Royalty' (right) has purple leaves and matching fruit*

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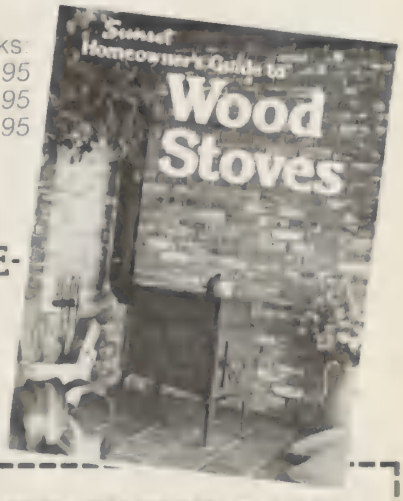

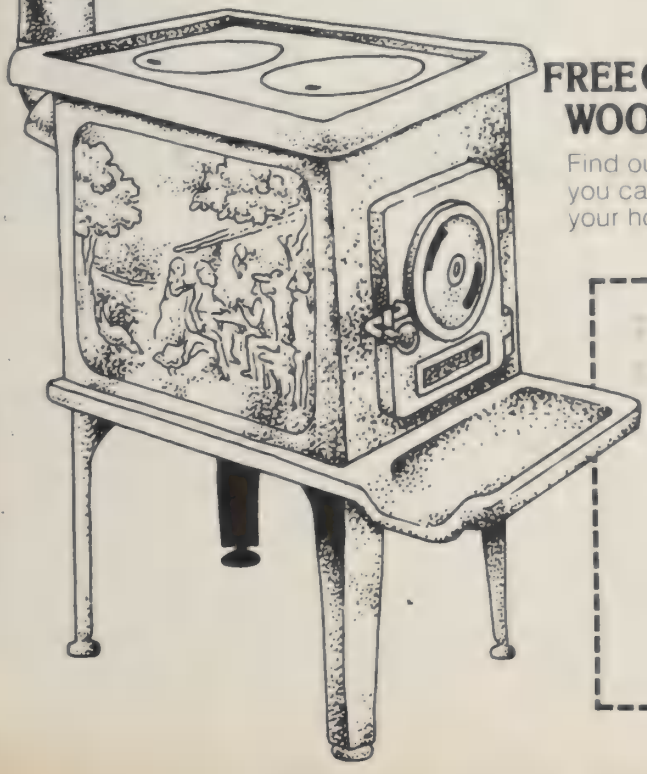

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can attract aphids, codling moths, scale, spider mites, and tent caterpillars; for controls, consult the *Sunset Western Garden Book*.

To find scarce varieties, write for mail-order catalogs from the following dealers. Some may not ship trees until spring. Catalogs are free unless noted.

Western sources. *Jackson & Perkins*, Medford, Ore. 97501; *Stanek's Garden Center*, E. 2929 27th Ave., Spokane 99203 (25 cents for catalog).

Other sources. *Bountiful Ridge Nurseries*, Princess Anne, Md. 21853; *Krider Nurseries*, Middlebury, Ind. 46540; *Stark Bro's Nurseries*, Louisiana, Mo. 63353. □

33 flowering crabs, from a shrubby 10 footer to a cone-shaped 40

Up to 15 feet . . . these tuck neatly into small yards

	About its flowers	About the tree
Malus 'Almey'	Single, scarlet, white base	Upright growth to 15 feet; leaves emerge purplish, turn bronze green
M. hupehensis (Tea crabapple)	Fragrant, pink fading to white, profuse	Y-shaped to 15 feet; foliage dense on widely spaced branches
M. 'Oekonomierat Echtermeyer'	Purplish red, 1½-inch, spotted along branchlets	Weeping to 15 feet; leaves emerge purplish, turn bronzy green. Also known as weeping crabapple
M. 'Pink Spire'	Rose pink	Narrow, upright to 15 feet; leaves emerge red-purple, turn bronzy green
M. 'Purple Wave'	Large, single to semidouble, rose red	Broad, spreading to 15 feet; leaves dark purplish green
M. 'Red Jade'	Small, white, profuse	Weeping to 15 feet; leaves dark green; showy fruit gives name
M. 'Red Silver'	Deep wine red	Irregular to 15 feet with drooping branch tips; leaves reddish, silvery hairs
M. 'Royalty'	Single, purplish crimson	Dense crown to 15 feet; leaves color of purple-leafed plum
M. sargentii	Fragrant, profuse, white	Dense, broad shrub to 10 feet; leaves dark green, sometimes lobed at base
M. s. 'Rosea'	Same as above but pink	Same as *M. sargentii* above

From 15 to 20 feet . . . with white, pink, wine, or purplish red blooms

M. arnoldiana (Arnold crabapple)	Fragrant, 2-inch, pink fading to white	Broad, spreading, fast grower to 20 feet; leaves large, green
M. atrosanguinea (Carmine crabapple)	Fragrant, profuse, crimson to rose pink	Open with upright branches, drooping tips; to 18 feet; leaves purplish gree
M. floribunda	Profuse, red-pink opening to white	Rounded-to-upright to 20 feet; foliage fine textured. Also known as Japanese flowering crabapple
M. 'Katherine'	Double, very large, light pink fading to white	Loose, open to 20 feet; leaves dark green
M. micromalus (Midget crabapple)	Fragrant, profuse, pink, single	Upright, dense to 20 feet (or smaller, irregular); leaves dark green
M. 'Pink Perfection'	Large, double, pink	Full, rounded to 20 feet; leaves thick, heavy, green
M. purpurea 'Aldenhamensis'	Semidouble, purplish red, large	Round head, dense to 20 feet; leaves purplish
M. p. 'Eleyi'	Wine red, 1½-inch	Open, graceful to 20 feet; leaves dark green with reddish veins
M. p. 'Profusion'	Fragrant, single, 1¾-inch, wine red fading to purplish pink	Rounded to 20 feet; leaves red, turning to greening purple; susceptible to fireblight
M. 'Radiant'	Deep pink, single	Broad, rounded to 20 feet; leaves emerge purple red, turn green
M. scheideckeri	Semidouble, rose pink	Dense, upright to 20 feet; foliage dense, dark green
M. 'Strathmore'	Deep pink to reddish pink	Narrow, upright to 20 feet; leaves reddish purple to scarlet

Taller than 20 feet . . . more tree and fruit, also more pruning to do

M. 'American Beauty'	Large, double, red	Upright growth to 30 feet; leaves bronzy green
M. baccata 'Columnaris'	Fragrant, white, 1-inch	Narrow, upright to 30 feet; foliage dense
M. coronaria 'Charlotte'	Fragrant, pink, 2-inch	Rounded to 30 feet; foliage dense, green
M. 'Dolgo'	White, single, profuse, early in spring	Willowy, spreading to 40 feet; leaves reddish green; edible fruit
M. 'Dorothea'	Pink, double, 2-inch, blooms when young	Dense, rounded to 25 feet; foliage fine textured
M. 'Hopa'	Fragrant, single, rose red	Upright to 25 feet; leaves brownish green
M. ioensis 'Plena' (Bechtel crabapple)	Fragrant, large, very double, pink	Vase-shaped to 25 feet; foliage sparse, soft green
M. 'Snowcloud'	Double, white	Upright, narrow to 25 feet; leaves dark green, glossy, heavy textured
M. 'Snowdrift'	Single, white	Rounded, dense to 25 feet; leaves green
M. tschonoskii	Single, 1-inch, white	Broad cone to 40 feet; leaves dark green, white beneath, turning to orange, purple, scarlet in fall
M. zumi calocarpa	Fragrant, soft pink fading to white	Pyramidal, dense to 25 feet with weeping branchlets; foliage dense, large leaves lobed

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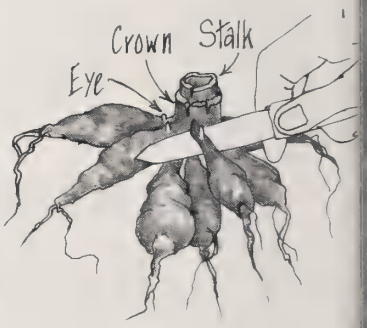
Getting dahlias ready for winter... digging, washing, dividing, storing

1 · *Gently lift clump of tubers with two spading forks after cutting back top growth to about 6 inches above ground*

DARROW M. WATT

2 · *Wash soil off with a fine spray, taking care not to harm the delicate necks or knock off buds*



3 · *Separate with a sharp knife, keeping about an inch of stalk attached to each tuber*

4 · *Save all tubers with at least one eye (bud) at narrow neck; this one has started to sprout*

5 · *Dunk in a fungicide solution (this homemade basket makes the job easier) or dust cut ends with sulfur*

6 · *After tubers have dried for a day, store in a box of slightly moist vermiculite. Keep in cool, dry spot*

Dahlias let you know when the time is approaching to dig them up for winter storage. Blossom production stops and leaves slowly start to turn yellow. You can encourage this natural decline now by withholding water.

Once the foliage is dry, cut back the plant to 4 to 6 inches above the ground. Trim back only the plants you plan to dig immediately, since cut stems can make tubers susceptible to rot. Loosen the soil around the tubers with a spading fork by slicing a circle 24 inches in diameter around the stem. Then gently pry up the rootball as shown above (two people make the job easier).

Some gardeners store the entire clump intact, to lessen the chance of rotting during storage. However, the tubers are easier to slice apart just after digging, and their tiny growth buds are more visible. (Once tubers are stored, the buds are almost impossible to see until they start to swell in spring.) Save all tubers that have at least one eye. Label damp tubers with an indelible pencil.

Submerge washed tubers in a solution of fungicide such as benomyl or dust cut ends with sulfur. Check the stored tubers during the winter; you may have to mist the storage medium with water if tubers start to shrivel, or remove any tubers that start to rot. The ideal temperature for storage is 45°. In spring, dampen the storage medium three weeks before planting time to promote sprouting. □

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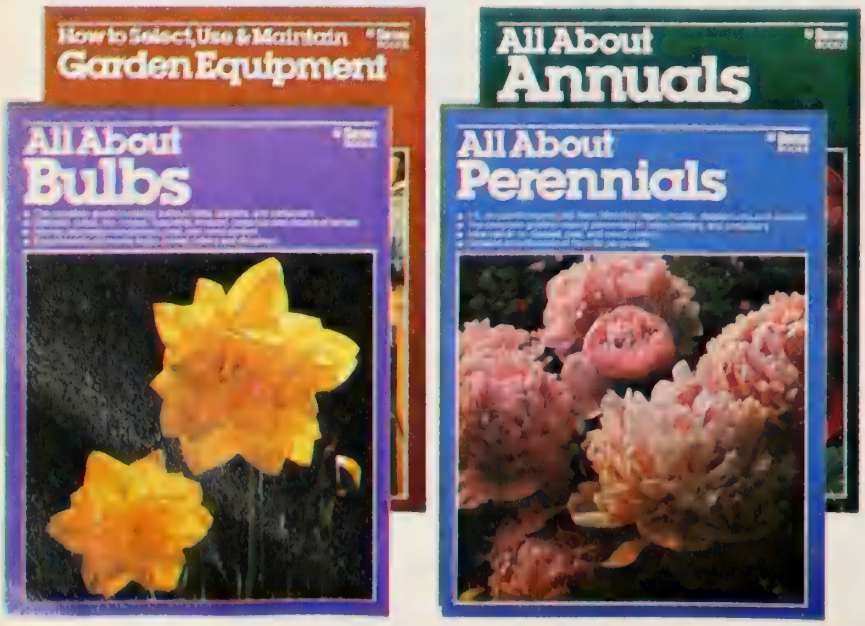


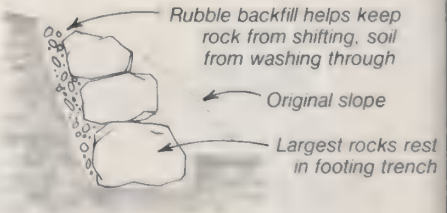
NORMAN A. PLATT

Effectively *displayed behind low walls are spreading and clumping kinds of plants such as lavender, hypericum, marguerite*

Stacked rocks terrace the slope

Mini-walls of natural rock break this garden slope into manageable planting beds. They're laid up dry (no mortar), and since they're only two to four courses high, this is the kind of project almost any home gardener can do.

Landscape designer Keith Davitt built these for Bill and Coke Riggs of Carmel, California, using about eight tons of rock from a local quarry. Typically, fieldstone costs $80 to $100 per ton, but shop around for the best buy in your area. □



When building walls, *stagger vertical joints, tilt rocks towards back*

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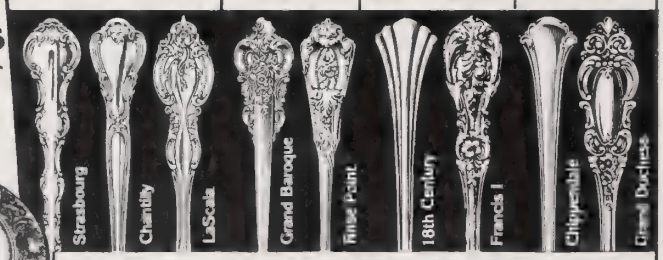

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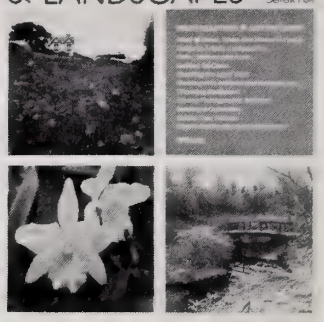

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How to Photograph Flowers, Plants & Landscapes, by Derek Fell (H. P. Books, Tucson, 1981; $7.95), is a thorough guide to equipment, films, lighting, photographic problems, and how to photograph many kinds of flowers. On its pages you will find hundreds of examples in color, helpful if you intend to shoot mostly color slides or color prints.

If black-and-white prints are your interest, try *The Rodale Book of Garden Photography*, by Charles Marden Fitch (Watson-Guptill, New York, 1981; $12.95). It has a few color photographs, much detail on equipment.

In either book, view the photographs with a critical eye: here and there you will find faults to avoid, such as fallen petals, errant shadows, and items that distract from the subject. □

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DAVID STUBBS

Flea market informality *marks atmosphere at Santa Cruz rare plant sale*

Seven October plant sales in northern California

October is the best possible time of the year to plant practically everything. Plant society people recognize this and plan sales for this month, when still-warm soil and cooling air keep transplant stress to a minimum and irrigation demands comfortably modest.

As economics pressure retailers to stock fewer, more easily marketed plants, these society sales are becoming like nurseries for collectors. Arboretums, botanic gardens, plant societies, and garden clubs are all willing to grow for love what commercial growers can no longer grow for money—and we are the beneficiaries of their zeal.

Oakland. October 3. The Bay Area Chapter of the California Native Plant Society will hold its 15th annual plant sale at Merritt College from 10 to 4. Take Redwood Road up the hill from the Warren Freeway (State Highway 13) to Campus Drive. Follow the "Plant Sale" signs to free parking areas within the campus. There'll be more than 300 species of native plants, with native bulbs and iris a special feature.

St. Helena. October 4. The Napa Chapter of the California Native Plant Society will hold its sale at Vintage Hall, 473 Main St., from 10 to 3. Native plants, bulbs, and seeds will be offered, along with wildflower posters.

Santa Cruz. October 10. The Associates of the Santa Cruz Arboretum will hold their annual sale in the parking lot of the Barn Theater at the main entrance to the campus. Hours are 1 to 4 for the general public, 10 to noon for members; memberships ($5) are available at the sale.

Many excellent native plant selections will be found here, but the emphasis is on exotics, especially Australian and South African plants. (Plants from the arboretum collection are also sold at the arboretum on Wednesdays, Saturdays, and Sundays from 2 to 4.)

San Jose. October 17 and 18. The Bromeliad Study Group of Northern California will hold a show and plant sale at the Westgate Shopping Center, 1600 Saratoga Ave., from 10 to 4.

Graton. October 20 and 21. The Garden Community Club will hold a flower show and plant sale at the Graton Community Club Clubhouse at Main and N. Edison streets. Hours: Tuesday, 9 to 7; Wednesday, 9 to 4. Handmade gifts are offered. Lunch is available.

Santa Rosa. October 24. The Men's Garden Club of Santa Rosa will hold a sale of member-grown plants at Coddingtown Mall from 9 to 5:30. Winter vegetable and indoor plants will be featured.

Ross. October 24 and 25. The Garden Society of Marin will hold its 35th Annual Fall Flower Festival and Plant Sale at the Marin Art and Garden Center on Sir Francis Drake Blvd. Hours: Saturday, noon to 6; Sunday, noon to 4. □

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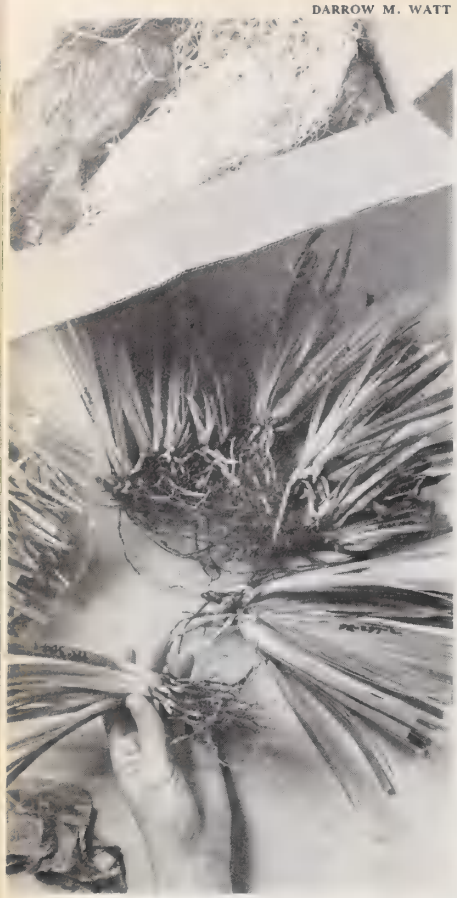


Mail-order rhizomes *come wrapped and labeled. They're ready for new fall root growth; plant now*

NORMAN A. PLATE

Grassy, free-flowering plants *give April show in a front-door rock garden designed by Nancy Hardesty for the Stuart Wilson home in Los Altos Hills, California*

DAVID STUBBS

Delicate *3- to 5-inch flowers commonly are blue, yellow, white: hybrids offer striking variations*

It's time to discover our own Pacific Coast iris

Long the darling of British, Australian, and New Zealand horticulturists, native Western iris are steadily gaining favor on their own home ground. They're outstanding ornamentals that deserve greater use.

Pacific Coast iris are low-growing plants —about 1 to 2 feet tall—naturally suited to slopes and rock gardens. The spreading clumps of evergreen foliage will also form a handsome small-area ground cover, decorated March to May with open, beardless iris flowers.

Hybrids of native species (*Iris douglasiana, I. innominata,* and others) are the newsmakers of the clan. They're hardier, more shapely, and more brightly flowered than their wild parents. Adding to the blues, lavenders, whites, and yellows of the species, these hybrids fill out a full range of colors—from mottled root-beer browns to vibrant apricots and purples, often marked with contrasting veins and color splotches.

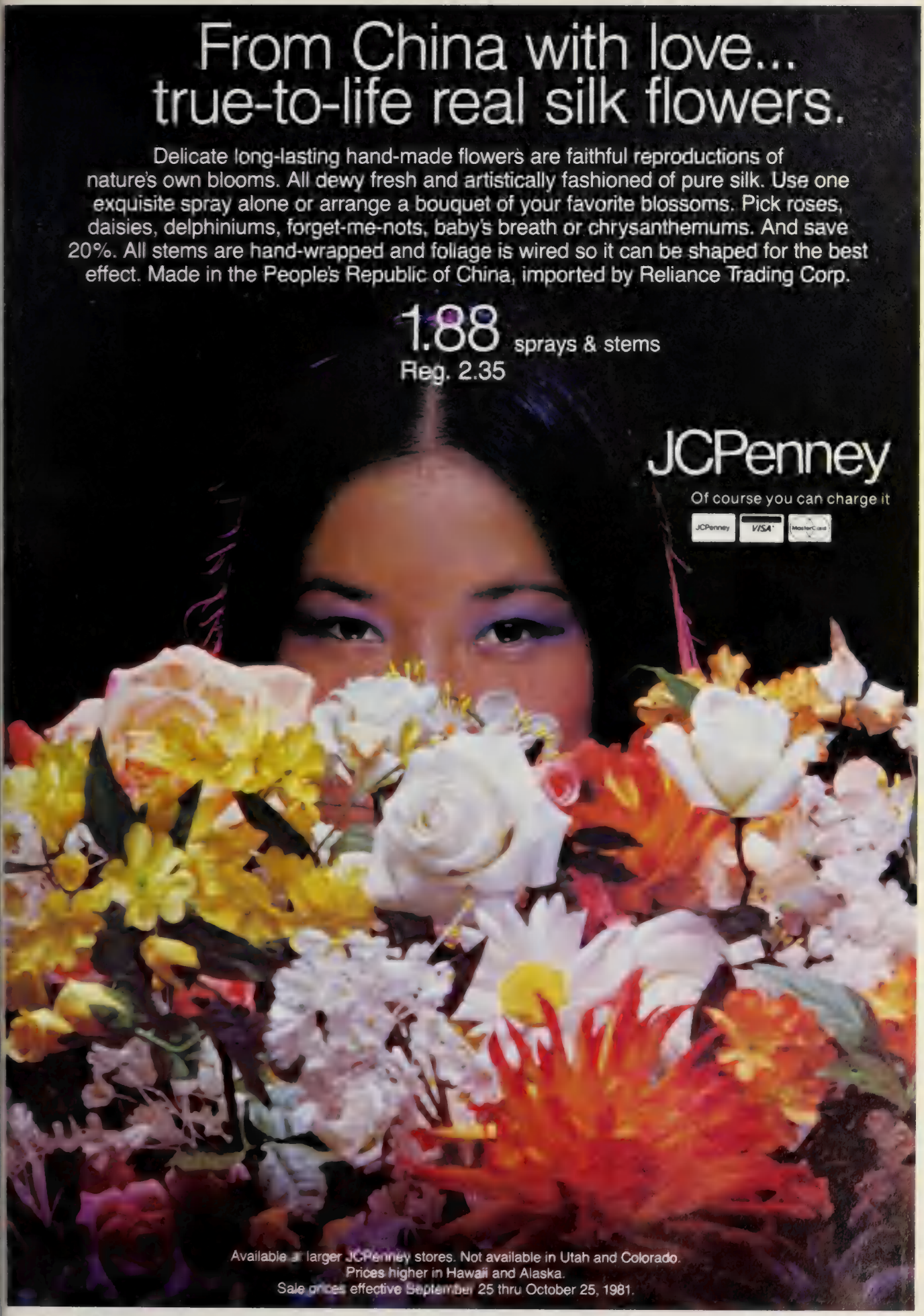
Pacific Coast iris prefer an acid soil but otherwise need little attention. Along the coast, they grow well in full sun or afternoon shade (drought-tolerant once established, they're a fine choice for under pines and native oaks). In hot, dry inland climates, give native iris filtered shade and summer irrigation.

This month and next are the best times to plant these iris from containers, rhizomes, and seeds. Canned plants may be hard to find. Check plant sales and look in nurseries that specialize in natives or unusual perennials; offerings may include native species, unnamed hybrid seedlings, and some of the named hybrids such as 'Canyon Snow', 'Native Warrior', and 'Sierra Sapphire'.

You can order rhizomes by mail from Bay View Gardens, 1201 Bay St., Santa Cruz, Calif. 95060 (catalog costs 75 cents); Laurie's Garden, 41886 McKenzie Highway, Springfield, Ore. 97477; Russell Graham, 4030 Eagle Crest Rd. N.W., Salem, Ore. 97304; and Cooks Garden, 6924 Pacific Highway E., Tacoma 98424.

A good source of seeds is the Society for Pacific Coast Native Iris, care of LaRue Boswell, 1821 Gross Lane, Concord, Calif. 94519 (send a stamped, self-addressed envelope and $1 per packet). Bay View Gardens and Laurie's Garden (address at left) also sell mixed hybrid seeds, or you can order them from Clyde Robin Seed Co., Box 2855, Castro Valley, Calif. 94546 (catalog, $2) or from Thompson and Morgan, Box 100, Farmingdale, N.J. 07727.

If you'd like to learn more about native iris, you might want to join the society: for membership information, write to Mrs. T. W. F. Foster, Society for Pacific Coast Native Iris, 977 Meredith Court, Sonoma, Calif. 95476. □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October shows and talks . . . chrysanthemums, orchids, bonsai

For information on plant sales this month, see page 260.

NORTHERN CALIFORNIA

an Francisco. October 1, 8, 15, 22, and 9. The October portion of a Thursday vening slide lecture series on gardens of ntiquity with Thomas Brown, sponored by the Strybing Arboretum Society. Place: Recreation Room, Hall of lowers, Golden Gate Park, Ninth Ave. nd Lincoln Way. Hours: 7:30 to 9 P.M. ee: members, $2.50; nonmembers, 3.50; seniors and students, $1.

aratoga. October 2 and 3. Herbal harest fair and open house at Saso Herb ardens, 14625 Fruitvale Ave. Hours: 0 to 4:30. Luncheon ($4.50) available aily 11:45 to 1:45. Admission is free. unch reservations are required; telehone (408) 354-1519.

itrus Heights. October 3 and 4. Annual ow presented by the Sierra Foothills ose Society. Place: Fountain Square ursery, 7115 Greenback Lane. Hours: 2:30 to 9 Saturday; 9 to 5 Sunday. Free.

alo Alto. October 3 and 4. Akebono onsai Club exhibit. Place: Buddhist emple, 2751 Louis Rd. Hours: noon to Saturday; 10 to 6 Sunday. Bonsai techques will be demonstrated both days 3 P.M. Free.

an Francisco. October lectures in the ontinuing Tuesday botanical travelogue ries sponsored by the Strybing Arboreum Society. *October 6:* plants of the alifornia Channel Islands. *October 13:* ora and history of South Africa. *October 20:* plants and people of New Zeand. *October 27:* plants of Hawaii. lace: Hall of Flowers, Golden Gate ark, Ninth Ave. and Lincoln Way. ours: registration and book and plant le, 9:30 A.M.; lecture, 10 to noon. Fee: embers, $2.50; nonmembers, $3.50; niors and students, $1.

erkeley. October lectures in the conuing series for home gardeners sponred by the East Bay Regional Park istrict on four Wednesdays and Saturays. *October 7 and 10:* native trees and eir uses in the garden. *October 14 and 7:* natives for the sunny garden. *October 21 and 24:* natives for the shady garen. *October 28 and 31:* native ground overs. Place: Regional Parks Botanic arden Visitors' Center, Tilden Reonal Park. Hours: 10:30 to noon. Free.

erkeley. Saturday lectures by the East ay Regional Park District. *October 10:* fall color in California. *October 17:* the plant island of California. *October 24:* California plant communities. *October 31:* native plants of California. Place: Regional Parks Botanic Garden Visitors' Center, Tilden Regional Park. Time: 2 P.M. Free.

Sacramento. October 10 and 11. Sacramento Orchid Forum show. Place: Iva Gard Shepard Garden and Arts Center, 3330 McKinley Blvd. Hours: 2 to 6 Saturday; 10 to 5 Sunday. Free.

Sacramento. October 17 and 18. Display of African violet plants including the newest varieties, and arrangements using violets by the African Violet Hobbyists of Sacramento. Place: Iva Gard Shepard Garden and Arts Center, 3330 McKinley Blvd. Hours: 2 to 6 Saturday; 10 to 5 Sunday. Free.

San Rafael. October 17 and 18. Annual show by the Chrysanthemum Society of Marin. Place: Crocker National Bank, Fourth and B streets. Hours: 1 to 5 Saturday; 10 to 5 Sunday. Free.

Walnut Creek. October 31 and November 1. Northern California Chrysanthemum Society show. Place: Walnut Creek Community Center, Civic Dr. and N. Broadway. Hours: 1 to 5 Saturday; 10 to 4 Sunday. Free.

COLORADO

Westminster. October 3. Show and plant sale by the African Violet Society of Denver, Chapter 1. Place: Westminster Mall, 88th and Sheridan streets. Hours: 11 to 4. Admission is free.

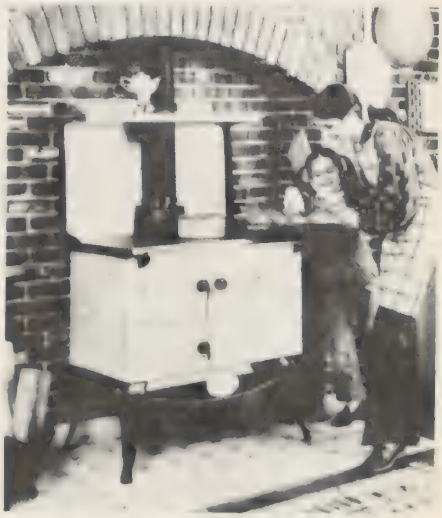
Denver. October 10 and 11. Gloxinia Gesneriad Growers show of African violets and related plants. Place: Denver Botanic Gardens, 1005 York St. Hours: 11 to 4 both days. Free.

Denver. October 17 and 18. Exhibit by the Denver Bonsai Club. Place: Denver Botanic Gardens, 1005 York St. Hours: 10 to 4 both days. Free.

Colorado Springs. Home landscaping program by the Horticultural Art Society of Colorado Springs. Place: Howbert Room, Penrose Library, 20 N. Cascade Ave. Time: 7 P.M. Free.

UTAH

Salt Lake City. October 10 and 11. Show presented by the Beehive State Chrysanthemum Society. Place: Utah Garden Clubs Activity Center, Sugarhouse Park, 1602 E. 2100 South St. Hours: 3 to 6 Saturday; noon to 6 Sunday. Free. □



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Sunset's HIGH-ELEVATION GARDEN GUIDE

Short growing season, cold winters

October brings enjoyably brisk weather to mountain gardens. The fall-color spectacle reaches its peak, and leaves soon cover the ground.

Enjoy nature's show, then spend time preparing your garden for winter and for next season. Heading the list of chores are cleanup, bulb planting, mulching, and prewinter watering.

Fresh manure: time to pack it home for winter mellowing

If you have access to fresh animal manure—from a dairy, livestock operation, or rabbit or chicken ranch—October is the time to bring home as much of the smelly stuff as you can.

Spread it over your bare beds, dig or till it into the soil if you wish, and leave the mixture alone to mellow over winter. When spring comes, you'll find a rich mixture of soil and organic matter with slightly higher fertility (although it won't replace fertilizer).

A caution: don't use fresh manure where plants are growing actively; it could burn them. Letting fresh manure compost over the winter as described above safely reduces its potency.

Resist the temptation to prune

Once leaves have fallen from deciduous plants, you may find yourself wanting to get out the shears and start pruning. Don't do it yet. In cold-winter climates, it's better to wait until after the cold winter is past and plants are barely beginning to break out of dormancy. Pruning now could shock plants.

Another reason not to prune now: you would expose good wood to possible freeze damage. This would force you to prune again in spring, removing wood that gives the plant a proper shape.

For eastern Washington: a bumper crop of pamphlets on berries and grapes

Washington State University has just published several dozen new or revised pamphlets on growing berries and grapes in eastern Washington. State residents can get copies free. Here is a selection.

Berries. *Growing Blackberries* (FB2160), *Growing Raspberries* (FB2165), *Insect & Disease Control for Home Gardens: Small Fruits & Berries* (EM3435), *Thornless Blackberries for the Home* (HG207).

Grapes. *Factors Influencing Concord Grape Yields in Washington* (B0901), *Grape Varieties for Eastern Washington* (EC394), *Grape's Trellis Wire: How Tight? Get it Right* (EM3518), *Growing American Bunch Grapes* (FB2123), *Propagating Grapes from Cuttings* (EM3500), *Ten Years of Grape Variety Responses and Wine-making Trials in Central Washington* (B821), *1981 Spray Guide for Grapes in Central Washington* (EB0762).

Also available is *Small Fruits for Home Gardens* (EB0708).

Any Washington resident can order these pamphlets by calling the WSU Cooperative Extension office in Spokane at (509) 456-3651 and giving the titles and numbers desired. (In other states, call the cooperative extension office in your

So long until spring . . .

The waning days of the 1981 garden season mean this will be the last edition of the High-Elevation Garden Guide for this year.

Look for the guide again next March, with spring news about high-elevation gardening and landscaping. In the meantime, we'd like to know what we can do to make the High-Elevation Garden Guide more useful to you. Would you like to know more about plants suited to high-elevation gardens, gardening techniques, ways to design your landscape? Let us know what you want to know.

Please send your ideas to the High-Elevation Garden Editor, *Sunset Magazine*, Menlo Park, Calif. 94025.

OCTOBER CHECK LIST: *Getting ready f*

☐ **Clean up the garden.** Harvest crops that remain—beets, cabbage, carrots, celeriac, and Jerusalem artichokes. Spread organic matter generously over beds and spade or till into soil. Compost plant refuse.

☐ **Dig and store tubers.** Dig begonia and dahlia tubers, then dry them in the sun for two days. Store begonia tubers in cool, dry place; put dahlia tubers in damp sand or vermiculite and store as for begonia.

☐ **Divide overcrowded bulbs.** Dig and divide daffodils and tulips, then replant, preparing holes as if bulbs were newly purchased.

☐ **Divide perennial vegetables.** Divide and transplant asparagus and rhubarb roots for more production next spring. Through the winter, water the new divisions occasionally.

☐ **Mulch for winter protection.** Use compost or straw to cover soil around bulbs, perennial vegetables, permanent plants, and strawberry beds. Mulch retains soil moisture through winter, helping prevent frost from heaving plants out of the ground.

☐ **Shop for nursery bargains.** The attraction is low prewinter prices. Look for plants that have survived a freeze or two already. Be

NORMAN A. PLATE

Random-length sections *of power poles sunk into ground along meandering line create a fence with a wharf-like look*

county for local information on growing berries and grapes.)

Telephone poles in the garden?

Sawed-off sections of used telephone poles or power poles (often sold at building supply stores and salvage yards, and occasionally available directly from utility companies) are used effectively in the Boulder, Colorado, garden of Dick Grobe. Cut to random lengths and sunk into the ground, they create a rustic fence in a wooded setting. Pole tops and sides provide display space for container plants. Plants and variegated ivy fill in between the fence and brick walk.

Pole sections should be sunk into the ground to one-third their length. For longer garden life, pour concrete into a hole around each section. The previously creosote-treated poles shouldn't decay for many years. □

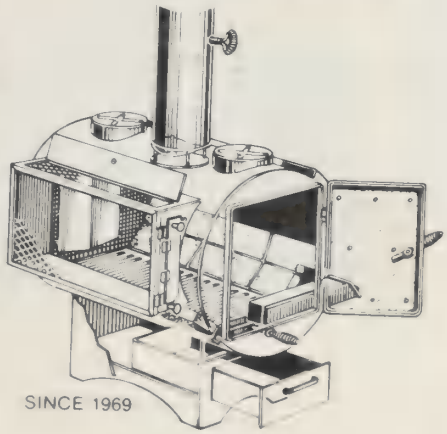
cold months ahead

certain to water new plants as needed this winter because their roots are not yet fully developed.

☐ **Sow perennial wildflowers.** Broadcast seed now over rock gardens, hillsides, and nearby fields—all good places to naturalize these plants for spring bloom. Check nurseries and mail-order firms for bulk quantities of seed.

☐ **Water for winter.** After leaves have fallen, water deciduous trees deeply. Do this only when the temperature is above freezing, and don't overdo it to the extent that water stands on the ground where it would freeze. After watering, drain hoses and sprinkler systems.

FIRE-VIEW



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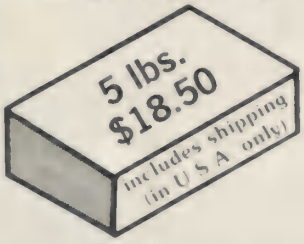

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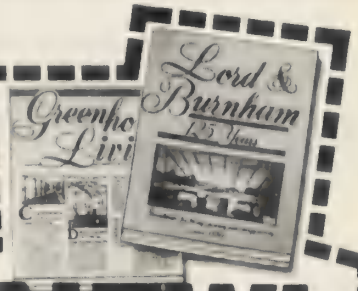

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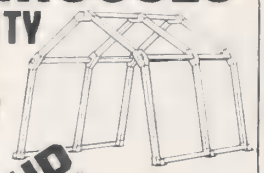

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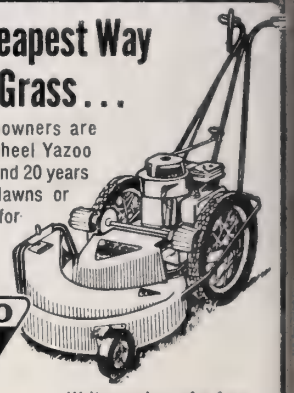

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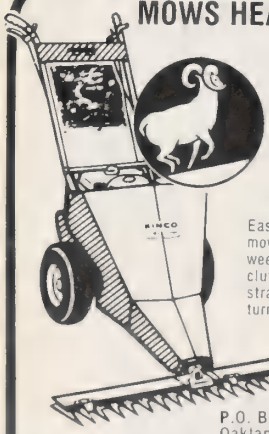

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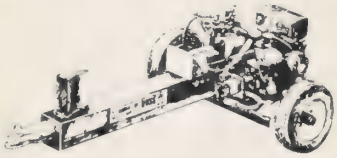

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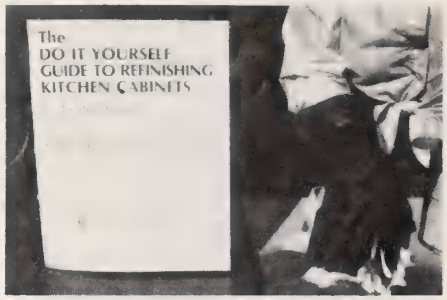

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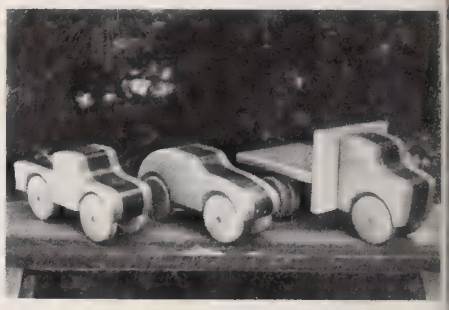

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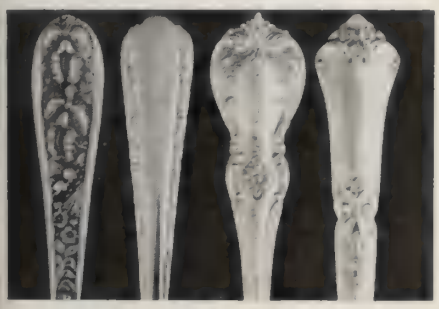

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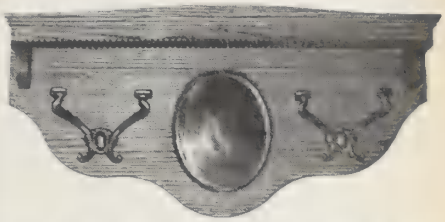

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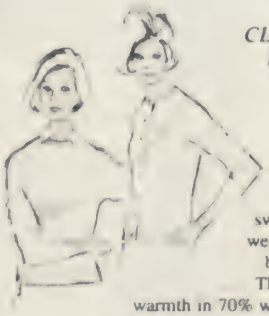

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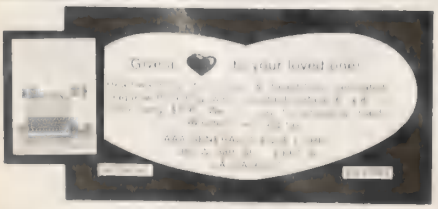

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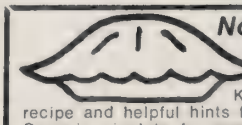

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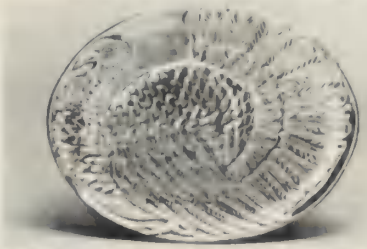

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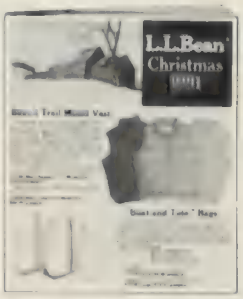

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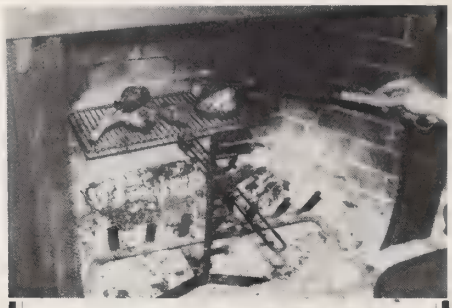

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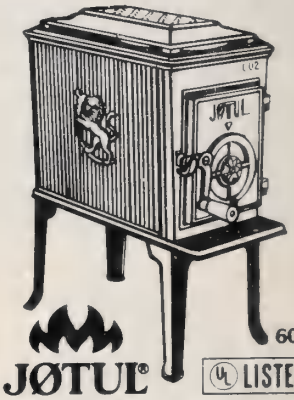

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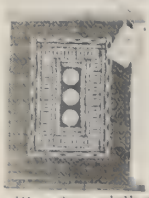

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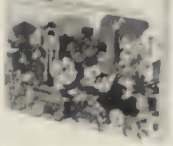

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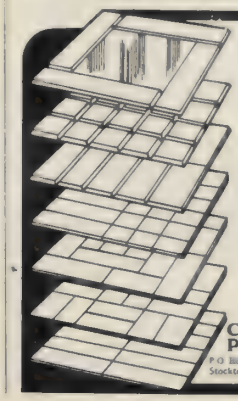

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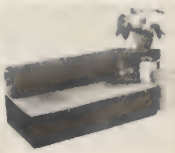

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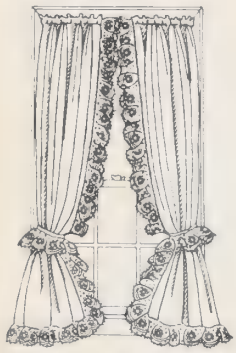

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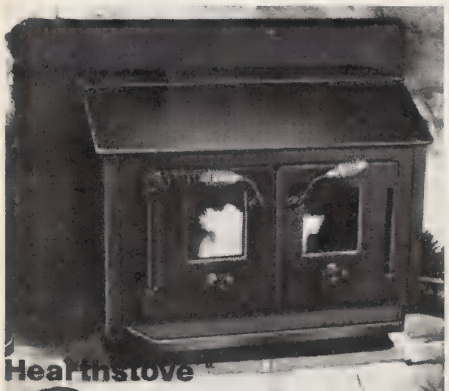

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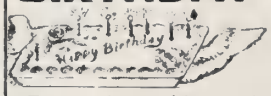

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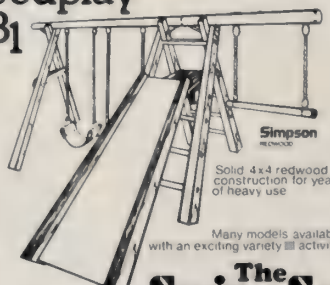

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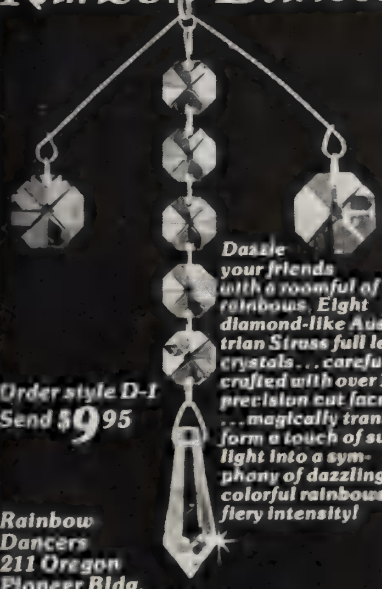

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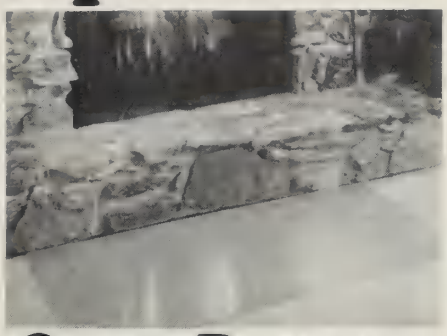

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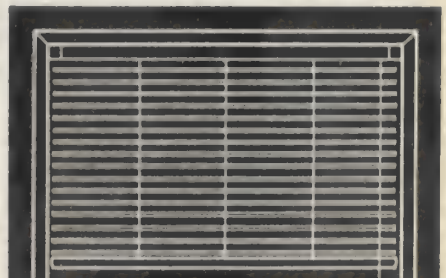

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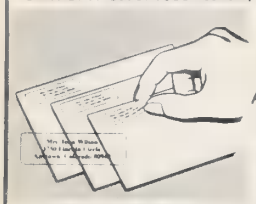

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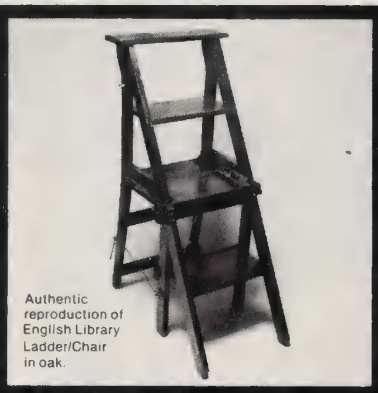

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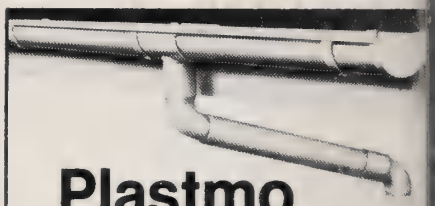

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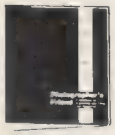

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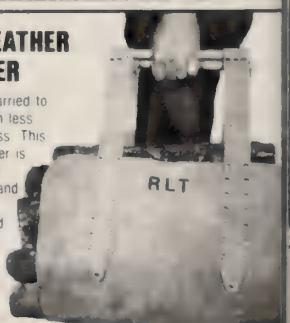

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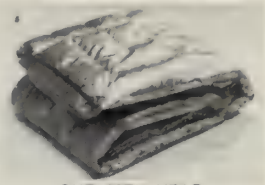

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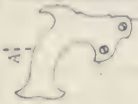

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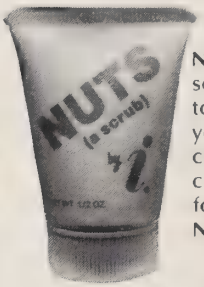

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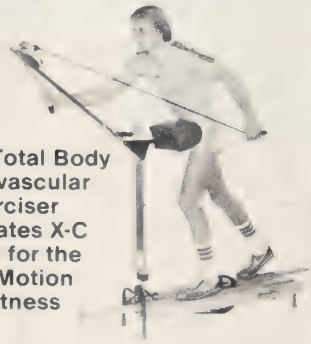

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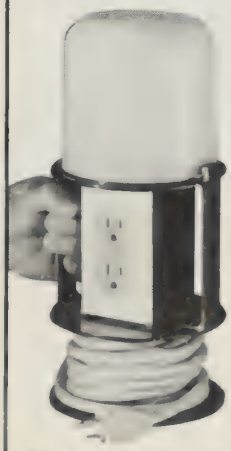

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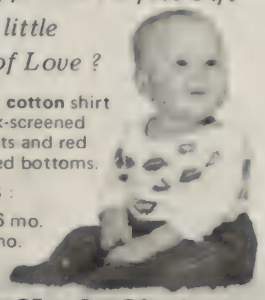

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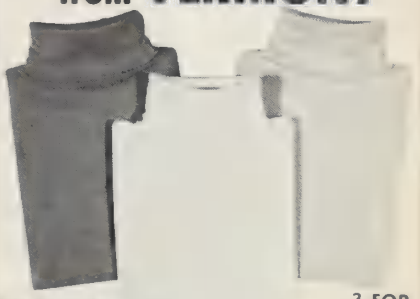

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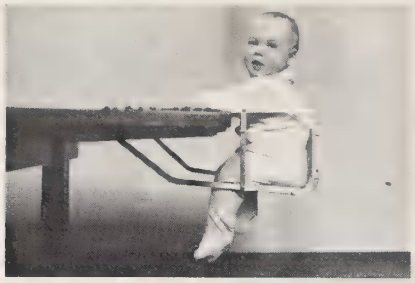

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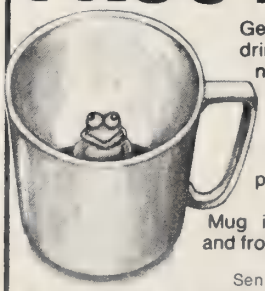

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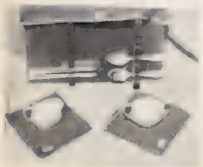

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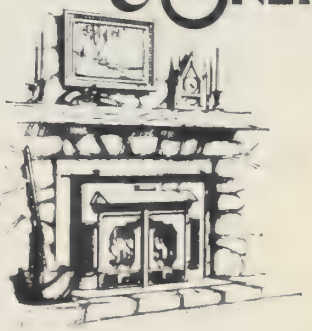

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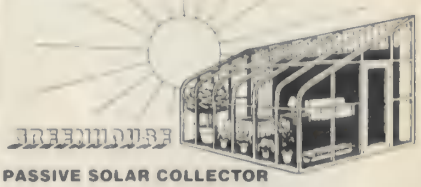

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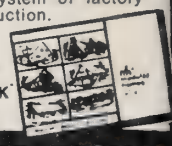

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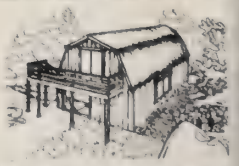

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What's your utility up to?

We're all conscious of the West's changing energy picture, illustrate clearly by the drastically altered role of our utility companies.

Utilities vary by ownership, services, sources of energy, regulation, ar clientele. But most are now evolving from just energy vendors in diverse resource *managers*, a revolution of sorts that has been ove shadowed by long-running debates over such issues as coal use ar nuclear power.

This involves two strikingly new activities: utilities as active agents c energy conservation, and energy production by means that seemed fa fetched to many just a few years ago.

Among the reasons: efforts to uncouple from foreign oil, populatio growth straining against supplies, the West's limited water (importa for energy production), and environmental concerns. And the cost an time required to build large power plants are becoming so prohibitiv that alternative power-producing technologies are looking more feasibl

Guided by federal and state legislation, utilities are taking action— several of them, aggressively.

For example, governments and utilities are putting a cash value c conservation: "buying" energy from existing customers by encouragin them to cut back—which amounts to generating "new" energy mo cheaply and quickly than by other means.

Utility-conducted conservation and solar audits are becoming commo Some utilities offer cash rebates for solar water heaters, zero- or low interest loans for weatherization, free insulating blankets for wat heaters, rate savings for reducing air conditioning on hot days.

Less visible efforts include advising builders on passive solar, providin incentives for retailing energy-efficient appliances, training communit action groups to weatherize.

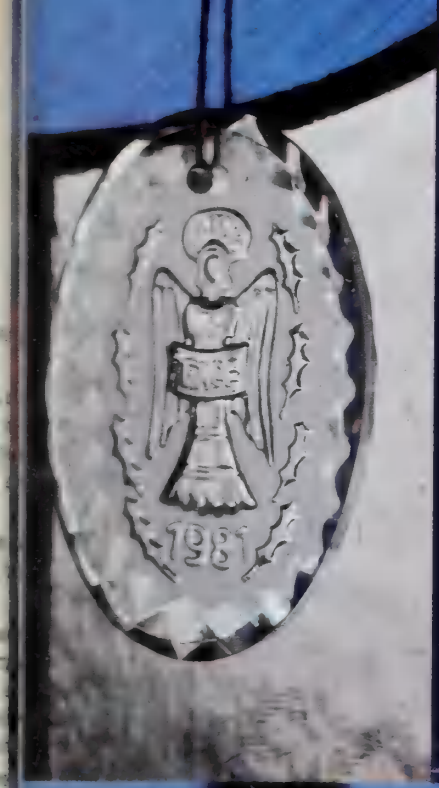
Meanwhile, new methods of energy production are bringing new form to the landscape. The nation's first "power tower" (left) is one. Sacra mento's municipal utility is planning a 100-megawatt photovoltaic sola cell array. Wind farms—large banks of windmills—are coming int production. In California's Fresno County, Pacific Gas and Electric new Helms Creek pumped storage project will move water uphill whe energy demand is low, back downhill to generate power when mo needed.

And "cogeneration" is changing the energy scene: using nonutilit sources to produce sellable energy. Legislation is allowing cost-effectiv new sources—even homeowners—to become part of the energy-pro duction network by requiring utilities to purchase their power.

The sometimes dramatic new role of public utilities is affecting mor and more of us, and *Sunset* will continue to report the most promisin new programs as they come on line.

WINDOW ON THE WEST: *"Solar One"*

In the California desert near Daggett, "Solar One," the country's first large solar-electric station, should be activated in early 1982; 1,818 huge heliostats (mirror clusters) will focus solar radiation onto a boiler atop the tower, producing steam to drive a turbine generator. Southern California Edison will operate the plant, sharing output with the Los Angeles Department of Water and Power. Federally funded, this $140-million power tower is not yet economical—but it has potential for mass production.



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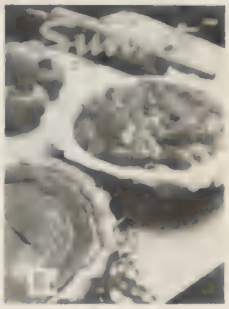

The two pies on our cover—one filled with thick slices of orange-colored, tomato-shaped fruit, and another that appears to be pumpkin—are made from Western-grown persimmons. They're just part of the menu from our Western harvest Thanksgiving story on page 110. Photograph by Glenn Christiansen

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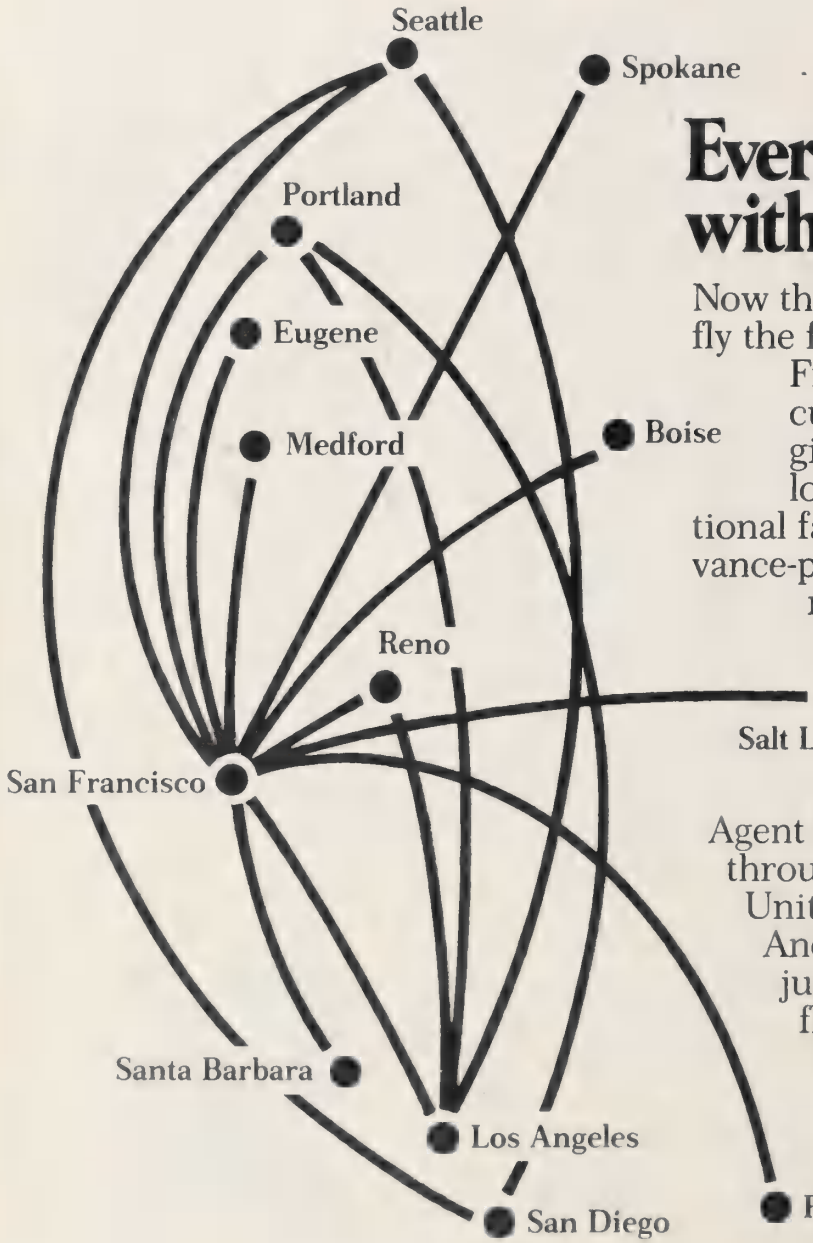

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November travel . . . in and beyond the West

AVID STUBBS

In synthesizer studio *at Mills College n Oakland, you can create and record our own computer music*

GREGG MANCUSO

At Berkeley's Lawrence Hall of Science, *"snake" is one of 35 computer games to play*

Get close to computers . . . hands-on games, music, an art display

Computers touch our lives in ways both hidden and overt—from putting satellites on course to rushing out our bills. Yet to many people the computer remains a mystery.

Four places in the Bay Area will acquaint you with a computer—for playing games, solving problems, and making music. And at two galleries this month, computer art goes on display.

Art and science blend *visually at San Francisco's Electro Arts Gallery*

Berkeley. At the Lawrence Hall of Science, you have a wide choice of models to work with. Upstairs, a dozen free computers let you warm up with games and math puzzles. For extended use, you can rent time on one of the two dozen terminals downstairs offering a whole library of programs and games. Fees range from $3 to $4.50 per hour, depending on the type of computer. They're available from 10 to 4:30 weekends and must be reserved in person for that day.

The hall, at the top of Centennial Drive in Berkeley, is open 10 to 4:30 daily, till 9 Thursdays; call (415) 642-5132 for

Sunset *The Magazine of Western Living • November 1981*

We experience Michoacán, food and all

GLENN CHRISTIANSEN

Snacking editor *and his wife will eat fried charales (small fish), bones and all*

Many of the travel articles you read in *Sunset* feature off-the-beaten-path destinations throughout the West and the world. This month, for example, it's the state of Michoacán—one of the less-heralded but most culturally rich regions of west-central Mexico.

Over the past six years, travel editor Dave Hartley and his family have explored Michoacán and its easily accessible trio of cities: Morelia, Pátzcuaro, and Uruapan.

As they traveled (a family, like an army, marches on its stomach), they introduced their palates to foods that ranged from Tarascan soup to tropical fruit. How does Michoacán's culinary fare rate? Read the article beginning on page 92. □

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more information. Admission is $2. adults, $1.50 students.

Menlo Park. A small "computer tow started by two volunteers opened l summer in the Menlo Park Library Alma Street and Ravenswood Aven Five terminals are open free daily; brary hours are 10 to 9 Monday throu Thursday, to 6 Friday and 5 Saturd 2 to 5 Sunday. (From 2 to 6 weekda the computers are reserved for childre

Palo Alto. At Stanford University's Ce ter for Computer Research in Music a Acoustics, you can listen to a demonst tion of computer music. Open to sm groups, the free demonstrations are giv the third Wednesday of each month; reserve a space, call (415) 497-4971.

Oakland. At Mills College, you can a tually try your hand at creating mus Four studios are open to adults, wi technical assistance: Aries synthesiz ($2.50 per hour), Moog synthesizer (per hour), tape duplicating ($2.50 p hour), 12-track recording ($20 per hou Reservations are required; call (415) 43 2191. Hours are Monday through Frid 1 to 5. Mills College is at MacArth Boulevard and Seminary Road.

In a tribute to Silicon Valley (north e of Santa Clara County), home of ma computer businesses, an exhibit of sil screen prints based on designs for circu plates runs through December 5 at t Sunnyvale Creative Arts Center Galler 550 E. Remington Drive. Hours are to 3 Tuesday through Saturday, 6 to Wednesday evenings; free. And in Sa Francisco you can see more compute assisted art at the Electro Arts Galler 718 Columbus Avenue; it's open 11 to weekdays, noon to 5 Saturday.

One-call snow reports for skiers

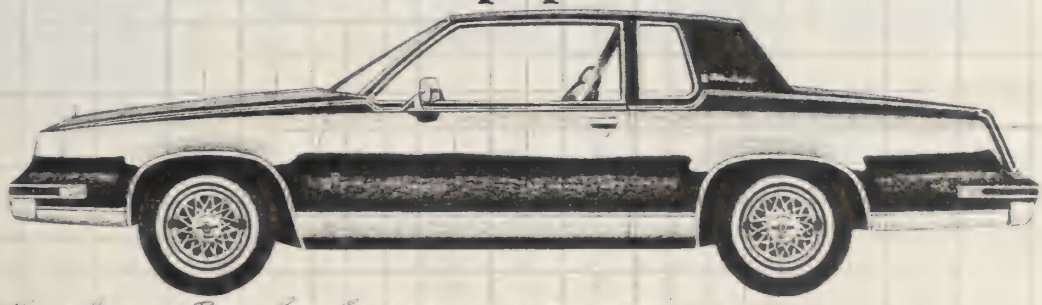
There's new help for skiers who wa quick and early information on sno conditions at resorts in three Weste states. You can now dial a single numb for each state and get an update on i major resorts; cost for each call is 5 cents plus tax. Beginning later th month, the recording will be update three times daily and will list weathe snow, and trail conditions plus the nun ber of trails and lifts open at each reso

It's a fast way to find out about seve ski areas. The three Western states a their numbers are: Colorado, (900) 97 3730; New Mexico, (900) 976-3710; a Utah, (900) 976-3720.

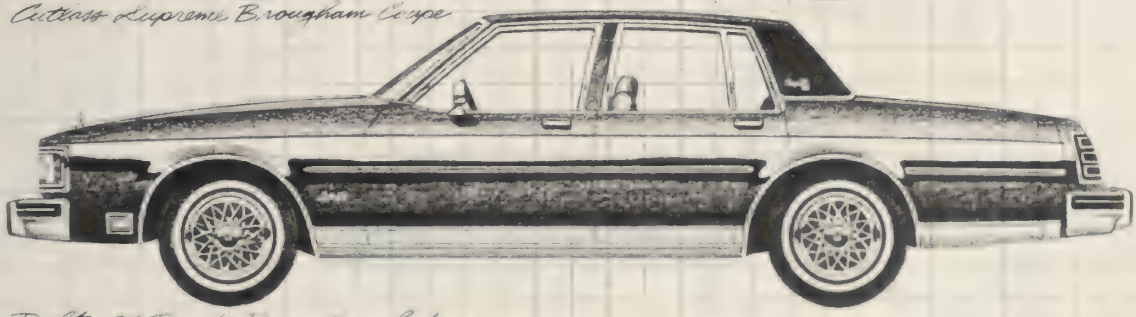
Denver's Museum of Natural History displays kachina dolls

To some, these colorfully painted carve figures may look like dolls, but they a symbols of great historic and religiou significance. According to certain Sout west Indian religions, a kachina is spirit and a kachina *tihu* or doll is th

Diesels. How did Oldsmobile make them so popular? They put them in popular cars.



Cutlass Supreme Brougham Coupe

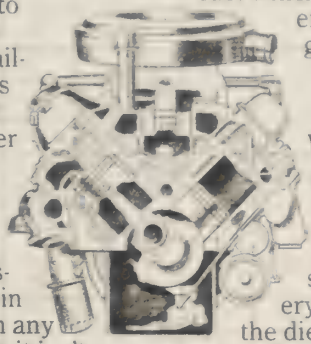


Delta 88 Royale Brougham Sedan

In 1977, Oldsmobile made an innovative move. They introduced the first American cars with available diesel V8 power. Now, with over 387,000 diesel Oldsmobiles on the road, Oldsmobile is the number one seller of diesels in America, and diesel Oldsmobile popularity keeps growing.

A new diesel V6 for 1982.

The number of diesel engines available in Oldsmobiles is growing, too. In addition to the diesel V8, a new diesel V6 is now available for 1982 Cutlass Supreme Coupe and Sedan models to offer a great combination of high mileage and high style.



5.7-liter diesel V8

Altogether, more diesel-powered Oldsmobiles will be sold in the next year than in any year in the past. But, it isn't just because there will be so many diesel Oldsmobile models to choose from. Or even because of the impressive diesel engineering advances, like the Fast-Start Glow Plug System, roller hydraulic lifters and the inherent smoothness of the V-type design.

It's because diesel Oldsmobiles offer some very basic and important things people want.

Impressive fuel economy.

Diesel Oldsmobiles offer comparable fuel economy to that of many smaller cars and a cruising range few can match. All on diesel fuel which is traditionally less expensive than unleaded gasoline.

Added value at resale.

While it may vary by geographic location, many used car guides indicate that current resale prices, averaged out, show a substantial recovery of the original cost of the diesel option.

Room. Comfort. And style.

We could get more technical. But let's face it. What really counts is what a diesel does. Not what it is. And what a diesel does in an Oldsmobile is to give you roomy, comfortable and stylish alternatives to the proposition of making very practical choices. So that even today, there's still room to do it with style.

GM

Diesel mileage estimates.

MODELS		Fuel Tank Cap.	Est. Hwy	Est. Hwy. Range	EPA Est. MPG	Est. Range
Cutlass Supreme	(V6)	19.8	36	712	25	495
Cutlass Supreme	(V8)	19.8	34	673	23	455
Cutlass Cruiser	(V8)	18.2	34	618	23	418
Delta 88	(V8)	26.0	34	884	23	598
Ninety-Eight	(V8)	26.0	33	858	22	572
Custom Cruiser	(V8)	22.0	33	726	22	484
Toronado	(V8)	22.8	36	820	21	478

Use estimated mpg for comparison. Your mileage and range may differ depending on speed, distance, weather. Actual highway mileage and range lower. Range estimates are obtained by multiplying EPA estimates by the standard fuel tank capacity rating. Some estimates lower in Calif. Some Oldsmobiles are equipped with engines produced by other GM divisions, subsidiaries or affiliated companies worldwide. See your dealer for details. Oldsmobile projection of 1982 EPA V6 estimates. See your dealer for actual EPA estimates.

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GREGG MANCUSO

Eggshell tucks *(above) and freestyle leaps (right) are freed from snow at Sunol's new grass ski resort*

spirit's effigy, with powers of its own. Until January 31, the Denver Museum of Natural History will display for the first time most of its collection of kachina dolls, one of the country's largest.

You'll see more than 300 examples of this art form of the Hopi, Zuñi, and Laguna Indians, dating from the late 1800s to the present. More than a hundred separate types of kachina dolls—such as clown, chief, or ogre—will be shown in this exhibit. Each had its own function.

One exhibit will show the step-by-step process of creating a kachina.

The museum is at Colorado and Montview boulevards in Denver's City Park and is reached by RTD buses numbers 23 and 40. Hours are 9 to 4:30 Monday to Saturday, noon to 4:30 Sunday; admission is free.

Grass skiing in Sunol

If you'd like to try alpine skiing but can't stand the cold or want to get in shape before heading for the slopes, grass skiing may interest you. And there's a new outfit near Sunol (36 miles southeast of Oakland) where you can try it. The sport employs the basic techniques, boots, and poles of alpine skiing, but in place of a ski you stand on tractor-like treads made of nylon and plastic rollers.

At the Sunol Valley Golf and Grass Ski Resort, you can rent the treads (plus boots and poles if needed) for $6, get a 3-hour rope tow lift ticket for $6, and tackle the beginner-rated ½-mile slope. Lesson packages including equipment cost $16. Hours are noon to 8 daily. The resort is on Andrade Road at Interstate Highway 680.

For travel planners, a November 1981 check list

"Gooney bird" tour in Australia. In a refurbished DC-3, fly in Queensland and Northern Territory to historic Birdsville Pub; Ayers Rock; tropical oasis and jungle; Darwin casino, manganese mine on Groote Eyelandt; Great Barrier Reef for snorkeling or underwater viewing from glass-bottom boat. Cost of 14-day escorted tour is A$2,250 (about $2,530) from Brisbane, including air fare, tours, accommodations, most meals. Ten departures are scheduled April through October. Write to Bush Pilots Airways, Ltd., 60 E. 42nd St., New York 10165.

Chocolate lovers in Switzerland. Watch chocolates being filled with liqueur and bonbons made by hand at chocolate factories while staying in deluxe hotels in Zurich, Bern, Geneva. The eight-day tour, leaving March 20 and October 23, 1982, will include hotels, city tours, some meals, and air fare from New York (cost not set; 1981 price: $1,513). See your travel agent or write to Journeyworld International, Ltd., 527 Madison Ave., New York 10022.

Photography in the American West. Instructor Robert Hitchman leads beginning and advanced photographers on field trips to Yosemite, Death Valley, Antelope Valley (wildflowers). Cost of one- to nine-day trips averages $35 a day, usually including transportation from San Francisco Bay Area and lodgings. For a complete schedule of workshops, also given in the Pacific Northwest and Alaska, write to Pacific Image, 79 King St., Mill Valley, Calif. 94941; (415) 383-4551.

Cruise on the Orinoco. From January 8 until April 2, 1982, 14-day Sun Line cruises on the 280-passenger *Stella Oceanis* leave from San Juan, Puerto Rico. Stops include several Caribbean islands and a sail up the Orinoco River in Venezuela; optional excursion offers aerial views of Angel Falls, world's tallest waterfall. Per-person rates range from $2,155 to $4,200. A 15-day Christmas cruise ($2,310 to $4,500) includes additional ports. See your travel agent.

Club for Baja buffs. An annual $25 fee includes a bimonthly newsletter, bimonthly updates on Baja fishing and road conditions, group rate Mexican insurance for auto, boat, or camper. Write to Mexico West Travel Club, Box 6088, Huntington Beach, Calif. 92646.

What a travel agent can do for you: Provide information on tours; help you plan a trip; reserve space on air, rail, bus, and ship lines; make hotel, ranch, and resort reservations. Travel agents usually do all this without charge, but they do charge for "custom" tour service.

Sunset School & Camp Directory

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Index of Directories

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GARDEN CENTER beginning page 278

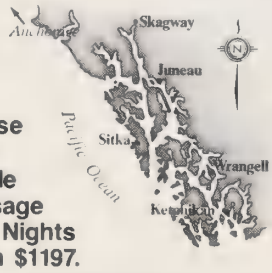
WESTERN GROCERY DIRECTORY beginning page 206

SHOPPING CENTER beginning page 281

The Sunset Travel Directory

Alaska

Majestic Alaska



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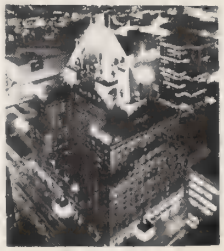

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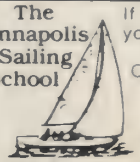

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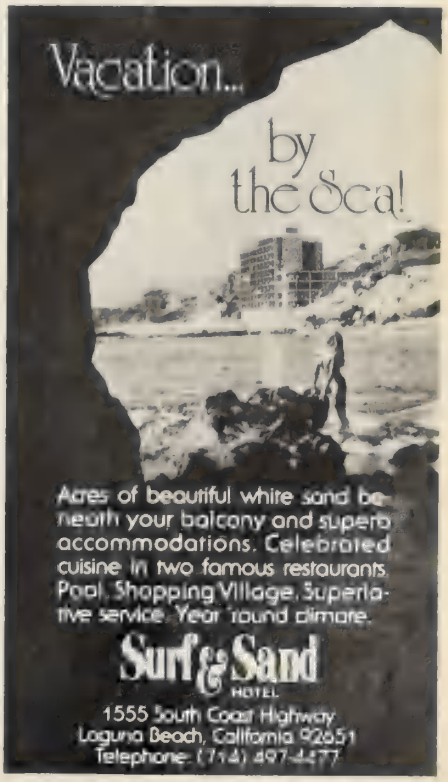

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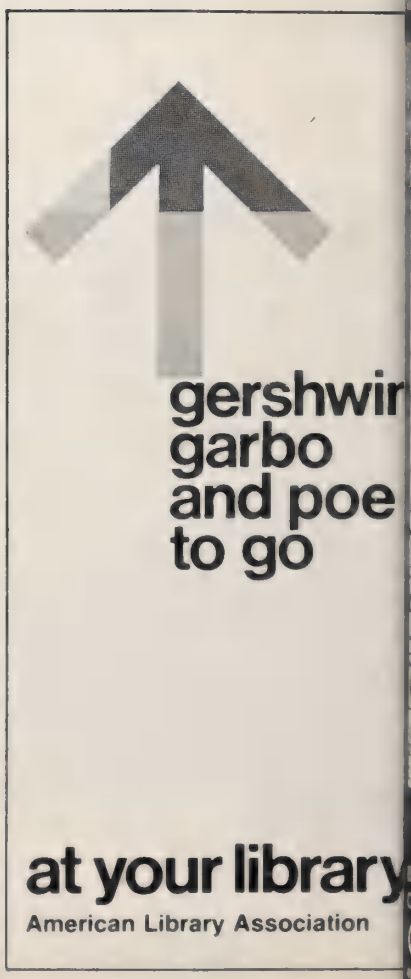

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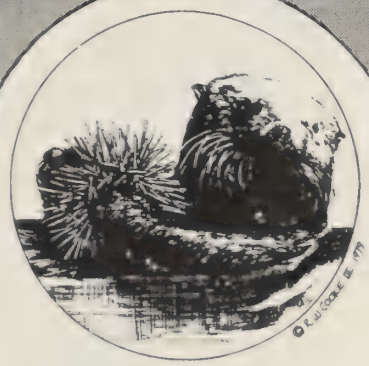

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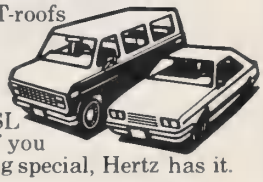

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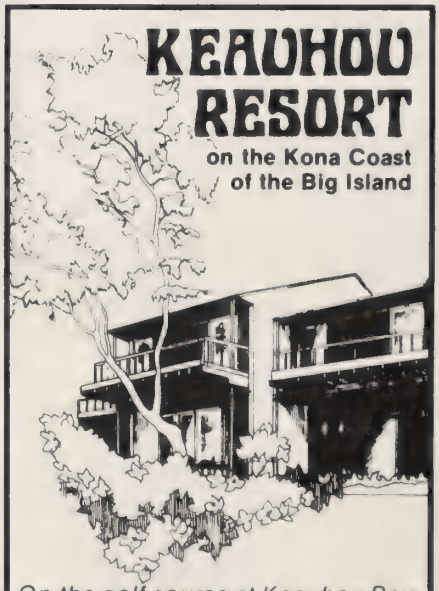

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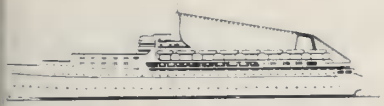

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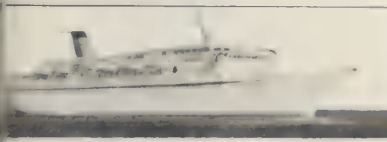

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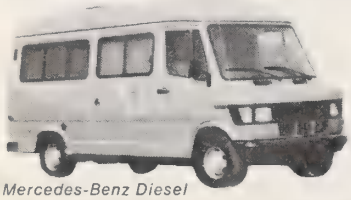

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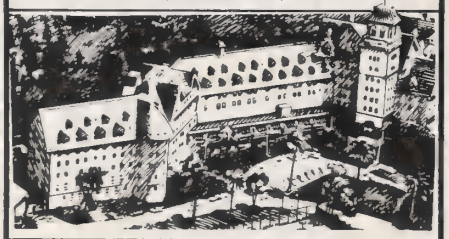

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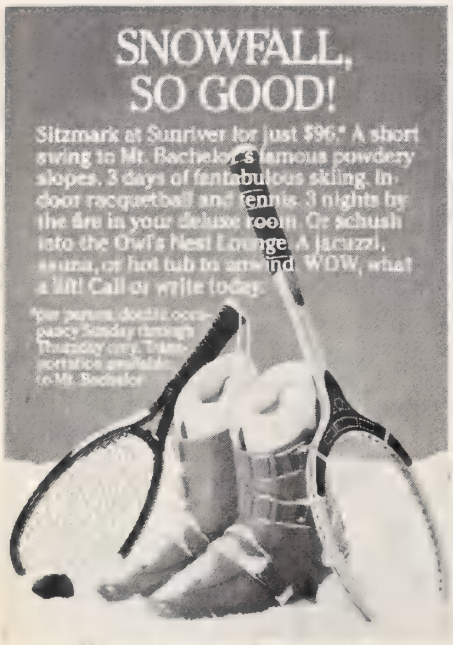

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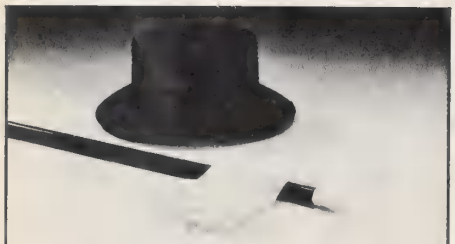

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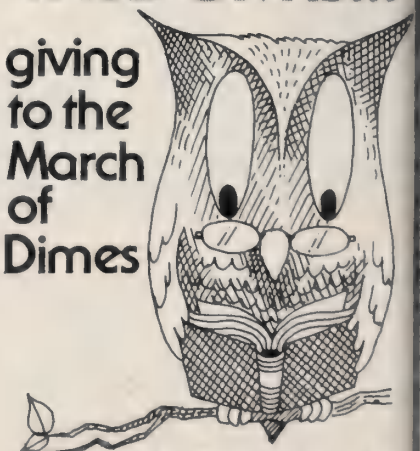

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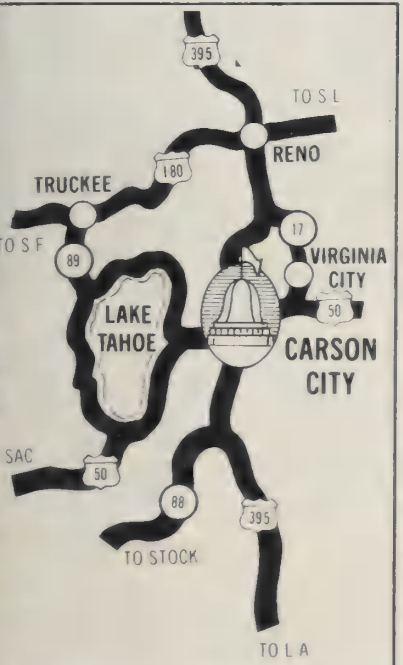

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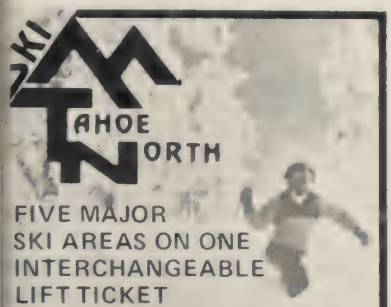

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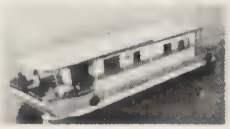

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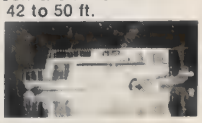

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GREGG MANCUS

Picture *of Dorian Gray didn't change this fast—at museum's combined images display you can merge your looks with those of someone behind the mirror*

New fun with science at S.F.'s Exploratorium

Clues to the mysteries and delights o science aren't given freely to visitors t San Francisco's Exploratorium. Yo must earn understanding and get in volved to make the exhibits work—ta on a computer, adjust a lens, balance ball on a thin stream of air.

The main floor offers 350 exhibits o color, sound, electricity, and other sub jects. Now a new mezzanine level ado 150 exhibits to talk at, peer through push and pull.

On the mezzanine you'll find an atmos phere that differs from the bustle an clatter downstairs. It's a bit quieter an darker on this floor, a tone conducive to the exhibits which cover light, vision and patterns. You might create graphic with computers, or peer into the dar with infrared binoculars.

This month, the new Atholl McBea Theatre opens with a series of concert and discussions of new trends in music Held every other Thursday at 8 P.M beginning November 19, the series called "Speaking of Music" and open with a performance by composer Joh Adams; admission is $3.

The Exploratorium is at the Palace o Fine Arts, 3601 Lyon Street. It's ope Wednesday through Friday from 1 to (plus Wednesday evenings from 7 t 9:30), and weekends noon to 5. Admis sion is $2.50 for adults, $1.25 for seniors and free for anyone under 18. Wednes days are admission-free for all.

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JERRY FREDRICK

Deciding *what's for dessert is not easy for anyone at Old Theatre Cafe*

Fresh strawberries *crown this cheesecake at Gayle's Fine Pastry & Bread in Capitola*

Croissants and coffee *create a pleasant morning interlude at Kelly's French Pastry*

Bakery exploring in Santa Cruz

Boardwalk and beach notwithstanding, Santa Cruz features a surprising number of bakeries offering international delights far beyond corndogs and caramel corn. This collection includes French, German-Austrian, Italian, and American baking at its finest and freshest. Here are several places in and around Santa Cruz to take refuge after a November stroll and enjoy anything from a perfectly sculpted Viennese pastry to a jalapeño bagel.

The Bagelry, 320-A Cedar Street and 1634 Seabright Avenue. Choose from whole-wheat, pumpernickel, sesame seed, poppy seed, onion, garlic, and even plain bagels, plus a special batch each Sunday ranging from yogurt-dill to buckwheat to jalapeño cheese. "Bagels with a gob of butter—50 cents; with a schmear of cream cheese—75 cents." Cedar Street shop open 6:30 to 5:30 Monday through Friday, 8 to 5:30 Saturday, 8 to 3 Sunday. Seabright Avenue shop open 8 to 4 Monday through Saturday, 8 to 3 Sunday.

Gayle's Fine Pastry & Bread, 504 Bay Avenue, Capitola. Croissants, cakes, pastries, breads, fresh pasta, and homemade jams are specialties here. Try the *pain de campagne*—it's a slightly sour, partially whole-wheat, crusty bread, and costs $1.25 or $2.50 depending on loaf size. Open 8 to 6 Tuesday through Saturday, 8 to 3 Sunday.

Birth of a bagel, *is traced by children. Tours of The Bagelry may be arranged in advance*

Kelly's French Pastry, 1547-C Pacific Avenue. This *pâtisserie* offers croissants (50 cents apiece), brioches, charlottes, truffles, breads, and cakes. If you're strolling by at 6 A.M., you may see Kelly up to her elbows in chocolate dipping truffles. Open 8:30 to 6 Tuesday through Sunday.

Maddock's Bakery, 4628 Soquel Drive, Soquel. Local devotees line up for Starter Bread, a sour, chewy, crusty white bread baked in a 60-year-old hearth oven (80 cents per loaf). In addition, you can choose from an appetizing array of cakes, sweet rolls, and breads. Open 5:30 A.M. to 5:30 P.M. Monday through Saturday.

Old Theatre Cafe, 106 Walnut Avenue. German-Austrian bakery traditions are reflected in a jewelry case full of exquisitely decorated pastries ranging from 40 to 95 cents apiece. The cafe also offers breakfast, lunch, and dinner. Open 7 A.M. to 8 P.M. Monday through Saturday, 9 to 4 Sunday.

Plaza Bakery, Pacific Avenue at Front Street. Oldest bakery in Santa Cruz, it dates back to 1910. Amy Vanderbilt requested the recipe for its specialty—Italian cream cake, a sponge cake smothered in rum-flavored cream (medium-size decorated cake costs $9.25). *Panettone* (fruit bread) and Italian cookies are for sale. Open 7:30 to 6 Monday through Friday, 7:30 to 6:30 Saturday, 7:30 to 5 Sunday.

Staff of Life Natural Foods Bakery, 1305 Water Street. You'll find the best of both worlds of baked goods here—whole-grain, no-nonsense concoctions as well as elaborate, frilly pastries such as cappucino cake ($1.25 a slice). A deli, produce market, and health supplies store are also here. Open 9 to 9 daily. □

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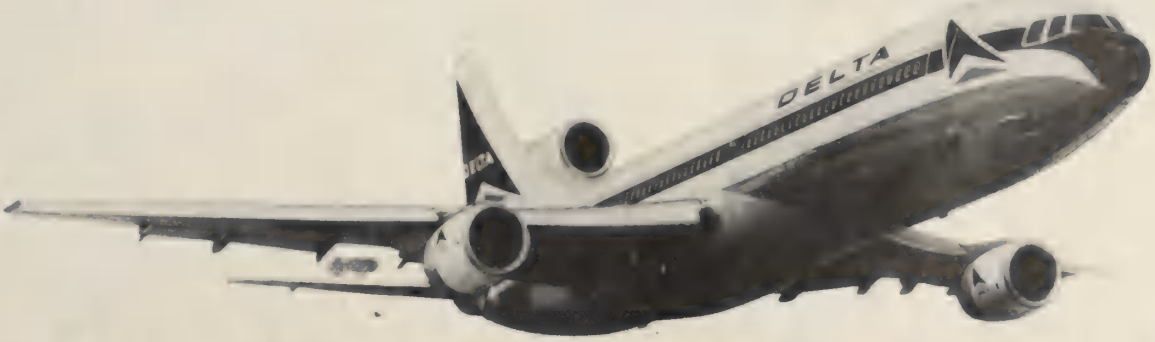

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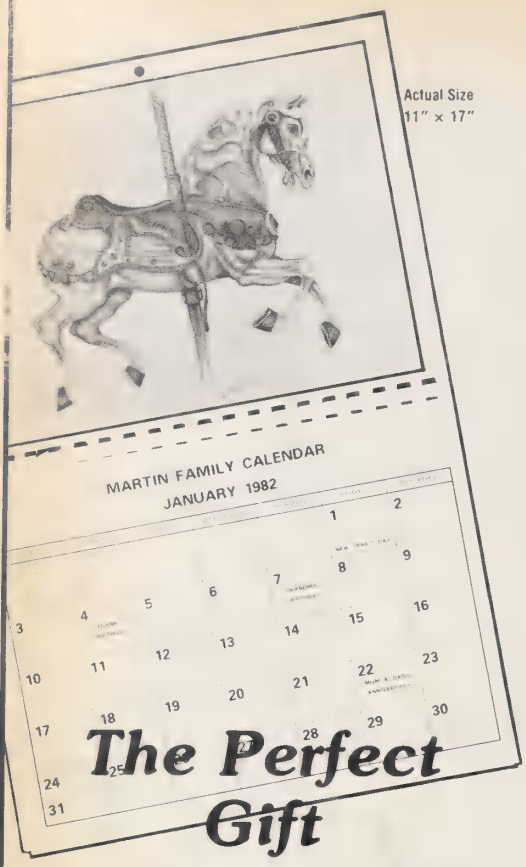

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DARROW M. WAT

In March 1, 1949, volume, *you'll find a baggy-panted tailor trademark next to several magazine logotypes, including Sunset's*

Look it up in Silicon Valley

Dolls and doorknobs, mousetraps and microprocessors—and anything else that has ever been patented—can be researched during a visit to the Sunnyvale Patent Information Clearinghouse.

Eight miles northwest of San Jose in California's "Silicon Valley," the center is the only subject-classified collection of U.S. patents outside Washington, D.C. This self-search library houses every patent granted by the Office of Patents and Trademarks, from number 1 (issued in 1790) to those that were granted just last week.

The clearinghouse, part of the Sunnyvale Public Library system, was established in the early 1960s by a young patent attorney who foresaw the industrial boom in the Santa Clara Valley. Occupying several rooms of a converted elementary school, the library constitutes a technological history of the United States.

The collection is a resource for inventors, tinkerers, students, patent attorneys, business researchers, history buffs, and the general public. To make searching easier, patents are arranged by field of interest: almost 600 main categories and about 90,000 subclasses are on file, including items for which a patent has been applied but not yet granted. The staff will guide you to the forms and references necessary for conducting a search; filing an application for a patent, trademark, or copyright; and marketing an invention, as well as direct you to brochures, articles, and books on obtaining copyrights.

To research the history or use of an antique or unusual object, bring the item or its patent number. An alphabetical index of patentees lets you trace careers of famous and little-known entrepreneurs. The center also has law books, disclosure bulletins describing work in progress, a good selection of technical magazines, and a list of patent attorneys and local inventors' groups. Displays of successful inventions—showing the progression from prototype to finished product—are changed monthly. This month and next, you will see toys designed by local inventors.

A computer terminal was installed recently, allowing nationwide access to 3,000 major data bases in fields like energy and marketing. First search, up to $30 of computer time (currently ½ hour), is free.

Clearinghouse hours are 8 to 6 Monday through Friday, noon to 5 Saturday. The library is at 1500 Partridge Ave., Building 7, Sunnyvale 94087; telephone (408) 738-5580. From Interstate 280, go north on Wolfe Road. Turn right on Marion Way, then right on Partridge.

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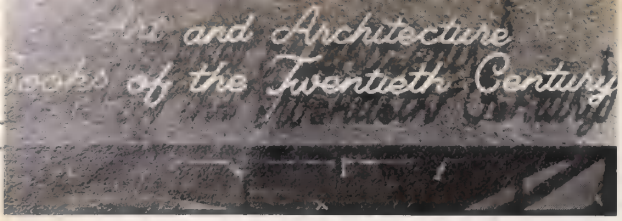

1 • *High art fills the shelves at new architectural bookstore on Melrose. Its modern bent appears in the striking neon sign out front (above)*

JERRY FREDRICK

Four art-and-architecture bookstores in Los Angeles

"There is no frigate like a book to take us lands away," wrote 19th-century poet Emily Dickinson. But books can also bring us home. Books about art and architecture do both. In Los Angeles, there are four bookstores that deal exclusively in these subjects. Two include technical and how-to aspects; all four are good sources for Christmas gift ideas.

Art and Architecture Books of the Twentieth Century, 8375 Melrose Avenue; (213) 655-5348; 10 to 5:30 Monday to Wednesday, 10 to 10 Thursday to Saturday. Floor-to-ceiling shelves display approximately 4,000 titles. True to its name, the store specializes in current books about modern art and architecture, including periodicals such as *Art Forum* and *Progressive Architecture.*

Hennessey & Ingalls, Inc., 10814 Pico Boulevard; (213) 473-0380; 10 to 6 Monday to Friday, 10 to 5 Saturday. There is a branch outlet at 3680 S. Bristol Street, Santa Ana; (714) 540-6400; same hours. By far the largest art and architecture bookstore in the West, this company stocks about 100,000 titles, including rare and out-of-print books at the Pico Boulevard store. Both stores also have an extensive photography section.

Building News, Inc., 3055 Overland Avenue; (213) 870-9871; 8:30 to 5 Monday to Friday, 9 to 1 Saturday. This bookstore caters to the building professional, but is a gold mine for the do-it-yourselfer. Among its 3,500 titles we counted books on 80 different subjects relating to construction. Manuals are a specialty. Building News publishes the building code books for Los Angeles and San Francisco.

The Cutting Edge, 3871 Grand View Boulevard; (213) 390-9723; open 10 to 6 Monday to Saturday. One subject dominates this fascinating place: woodworking. The bookstore contains 150 titles as well as the latest woodworking magazines. In the same building are a teaching shop, a warehouse of exotic woods, and a wide range of tools. □

2 • *$1,200 will buy the tome with the domes: an 18th century book at Hennessey & Ingalls*

3 • *Codes are among construction books at Building News*

4 • *Woodworking books complement array of books at The Cutting Edge*

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For free color literature on one of life's great adventures, write to: Hong Kong Tourist Association (S 11-81), 160 Sansome St., Suite 1102, San Francisco, California 94104.

Moorish-style minarets *top the train station in Kuala Lumpur, a possible stopover point 6½ hours out of Singapore*

Thousand-mile train adventure ... Singapore to Bangkok

Southeast Asia by train? It's not often considered. But for the adventurous traveler, there is one good intercountry railroad journey on which you can ride a thousand miles—from Singapore, up the Malay Peninsula to Bangkok, Thailand, and beyond. While not as comfortable as air travel, this rail excursion gives you a ground-level view of countryside and villages and a better chance to meet local people.

Go first class for better-padded seats and air conditioning. Hawkers sell cold drinks and hot dishes cooked aboard, or you may be able to buy local dishes in the open dining car. But many passengers bring their own meals, and you'll be glad you brought drinks and snacks to fortify yourself along the way.

At 8 A.M. and 1:15 P.M. daily, the train departs Singapore for the 6½-hour trip to Kuala Lumpur. You'll see lush countryside, cross the Johore Causeway to Malaysia, then climb through hills past oil palm plantations to Kuala Lumpur.

The 6-hour stretch from Kuala Lumpur to Butterworth passes rugged mountain scenery, small kampongs (villages), and rubber plantations. You can break your one-way trip once, perhaps in Kuala Lumpur or Butterworth (to visit Penang, see the September 1981 *Sunset*).

On Monday, Wednesday, and Friday, the train departs Butterworth at 8 A.M. for the 25-hour journey to Bangkok. You go through Thai customs on board. The route passes through forested lands and rice fields worked by yoked water buffalo.

One-way fare from Singapore to Bangkok is about $65; add $12 for a sleeping berth on the Thai stretch.

For further information, write to Malaysian Tourist Information Center, 600 Montgomery St., San Francisco 94111. □

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BILL RO

Wooden sign *marks first new accessway to open along Malibu beach in eight years*

50 new ways to get to the beach

Whimsically named after the Doonesbury cartoon character, Zonker Harris Accessway is one of more than 50 new public access points along the California coast. The 10-foot-wide paved walkway threads between Malibu residences and a restaurant, linking Santa Monica Bay's white-sand crescent with the Pacific Coast Highway. Before the walkway was built, this stretch of shore was all but walled off to beachgoers.

Other new accesses have opened up Humboldt County dunes, wooded Mendocino stream corridors, rocky La Jolla blufftops. To identify these access points, new signs are appearing along coastal highways.

The signs work hand in hand with a new book published in mid-October. The *California Coastal Access Guide* is the first complete inventory of the state's coastal recreation resources and public access points. Compilation of the guide was mandated by 1979 state legislation that created the Coastal Access Program. Under it, the California Coastal Commission and the Coastal Conservancy were required to increase public access to and along the shore.

Earlier this year, the two agencies released their first annual report relating 1980's progress. More than 50 grants, totaling some $900,000 in state funds, have been made available to local governments to acquire and develop access facilities. In many cases, the Coastal Commission has made accessways one of the conditions for obtaining development permits.

Look for footprints. Keep an eye out for the coastal agencies' new logo—two footprints and a breaking wave—along with the words "coastal access" and an arrow. Caltrans is putting some 400 of these signs on local roads.

At the access sites themselves, you'll find different signs, installed by the California Conservation Corps, naming the access (if there is a name), listing any public use restrictions and hazard warnings, and urging protection and respect for adjacent property.

Carry the guidebook. It aims to make reaching the shore easier by telling where to go and how to get there. For all public beaches, parks, and recreation areas, it provides addresses, telephone numbers, hours of use, and details on public transportation. Maps locate them in relation to major streets.

Divided into north-to-south sections, the guide notes the facilities at each location and describes the environment—whether you're heading for sandy beach, dunes, rocky shore, bluffs, wetlands, streamways, or upland viewpoints.

A great many of the new accessways are narrow corridors through private property. While 58 percent of the California coast is still privately owned, the state owns all lands seaward of the mean high tide line. To keep from trespassing, the best rule of thumb is to walk where the sand is wet.

Other questions? The book has answers. Are you taking your dog? Regulations vary; read which places prohibit pets, which permit them only on leashes, and which let them run free. Do you want to

Come to your senses.

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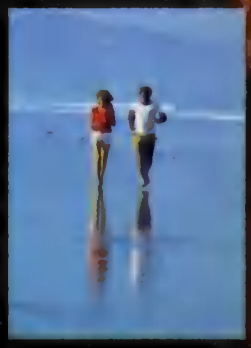

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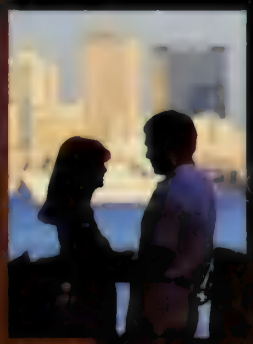

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BILL ROSS

Breaking wave *and footprints distinguish new signs appearing along California coast*

barbecue? Open fires are never permitted on state beaches, but some city beaches allow them. Are you traveling by moped? Motorized vehicles may go on the beach only at Pismo State Beach Vehicular Recreation Area. Do you want to toss a line into the surf? You need a California fishing license at most beaches but not for public pier fishing. Enticed by driftwood? You may collect souvenir pieces for personal use but not for commercial purposes.

Such regulations are only one section of the guide. You'll also find feature articles devoted to coast-related topics like tsunamis, salmon and steelhead fishing, facilities for the handicapped, salt marsh vegetation, and kelp harvesting.

The *California Coastal Access Guide*, by the Coastal Commission (University of California Press, Berkeley, 1981; $7.95), should be available in bookstores now. Or you can send $7.95 to UC Press at 2223 Fulton St., Berkeley 94720. The book will be updated annually. □

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Dining with the Basques from France and Spain to Nevada

Seven restaurants in and near Reno carry on the Old World tradition ...hearty food, served family-style, not very expensive

WARREN LERUDE

Back in the homeland

In the Pyrenees, Basque restaurants offer more seafood and a broader menu than their distant Nevada cousins. Specialty at Las Palomeras, in northern Spain, is dove baked in a crockery bowl. Both American and European Basques serve meals for hearty appetites; *see page 40*

There is a constant in all Basque food: it is hearty. Nowhere is this more evident than in the seven Basque restaurants in Reno, Carson City, and Gardnerville, Nevada. Served without fuss in family-style hotels that several generations of immigrant shepherds have called home, a Basque lunch or dinner is a roll-up-your-sleeves affair to challenge even the most vigorous appetites.

This tradition came West with Basque sheepherders in the late 1800s, to linger in Basque communities throughout the Great Basin states and California. Over the years, it has given Basque restaurants, especially those in Nevada, a character all their own.

Last summer, during a swing through the three French and four Spanish Basque provinces that straddle the Pyrenees near the Atlantic Coast, we found a number of similarities between Nevada's home-grown Basque restaurants and their Old Country counterparts. There were also some differences.

The differences are twofold: the European Basque restaurants, close to the Atlantic, offer a much greater abundance of seafood. They also provide a wider choice of entrées. And while most Nevada restaurants are very much alike in their boarding-house familiarity and competitive prices, the European ones are as varied as their settings, with corresponding variations in menu choices and *à la carte* prices.

In Biarritz, diners at L'Operne Restaurant gaze at the Gulf of Gascony through great plate-glass windows, while they feast on langoustines. Twenty-four miles inland, in the mountainous greenery above Saar, doves fly from France into Spain, and a restaurant named Las Palomeras captures that advantage. The specialty here, baked dove, is part of a hefty five-course lunch.

Still another restaurant, Aransabi, near the Spanish Basque village of Amasa, prides itself on beef—and a working barn is part of the setting. Box-like windows line the walkway to the restaurant's outer door: visitors gawk in at the cattle, and the cattle poke curious faces out toward the visitors. A simple charcoal-grilled steak is their specialty.

Order pad poised, *Elvira Cenoz offers choice of entrées at the Overland*

What is Nevada Basque?

In Nevada hotel-restaurants, the atmosphere blends home and restaurant. The early Basque sheepherders craved comfortable hospitality when they headed to town after months in the hills, and most establishments gave them a good bed and a sociable, family-style meal. Some restaurants still board a few old-timers upstairs.

Typically, there's a large bar area that serves not just as a cocktail lounge but also as a gathering place for friends and families; groups of 20 to 40 are nothing unusual. There are elements of Old World and New, as some patrons play juke boxes with faded-label *jota* records and others watch the evening news on wall-mounted television sets.

Just before the dinner bell rings, most of these restaurants find themselves knee-deep in youngsters. At the J and T in Gardnerville, for instance, Jean Lekum

JERRY FREDRICK

bow to elbow *at long, family-style tables, diners at Basque restaurant get acquainted over large platters of food*

Dancing erupts *at Reno's Santa Fe Hotel when Jill Zubillaga plays her accordion*

rry provides tables away from the bar here. children play games or chatter. e dining room is adjacent.

cor varies. At one end of the scale is no's Santa Fe Hotel, where dim fixes brush faint light over linoleum ors and Basque Country scenes decoe the walls. The other extreme is rdnerville's modern Country Club staurant, where guests are served at lividual tables beside a golf course.

ou can get a private table at any of the staurants, but most encourage familyle dining at long tables. Large parties celebrating some great occasion are commonplace, and strangers seated next to one another are soon acquainted.

Nevada's Basque meals typically follow a six-course fixed menu, which begins with a hearty soup. Most common is vegetable soup heavily laden with fresh carrots, celery, onions, peas, and tomatoes. Another customary soup is a clear broth with tiny pasta balls. Adding a drop of hot pepper sauce is a local custom.

The second course usually consists of pinto or pink beans, called Basque beans. Many Basques mix spoonfuls of the beans into their soup. Others mix the beans into the third course, the salad.

Salads are usually lettuce, with a vinegar-and-oil dressing already mixed. A variation is a lettuce salad with chunks of cooked potatoes and carrots; the taste is similar to that of potato salad.

French bread is served by the loaf. Red wine is often set out on the table, with every three or four adults sharing a bottle. Children are given milk.

After the salad, a specialty dish is served. This might be tripe in tomato sauce, chicken and rice, beef or lamb stew in natural gravy, tongue in a tomato sauce, pig's feet in a light red sauce, or oxtail stew. Occasionally, clams and rice may be offered.

A platter of potatoes—usually French-fried, sometimes mashed—is with the entrée, which may be only the chef's selection for the day. Typically, the entrée could be pan-fried or grilled New York or sirloin steak; crispy, oven-roasted chicken; lamb chops fried in garlic; sliced roast beef; leg of lamb; lamb steak; pork chops; shrimp. Depending on what is available, and fresh, you may be offered a choice.

Nevada's Basque cooks pride themselves on the simplicity but full flavor of their food, pointing out that they don't use elaborate sauces but capture the juices

JERRY FREDRICK

Help-yourself courses *of soup, salad, beans, and chicken with rice are followed by lamb chops and potatoes. Next: cheese or ice cream*

of the meat, often by pan-frying it. Seasonings are light, and not spicy.

Most meals end with ice cream, sherbet, or cheese, usually a dry Monterey jack. Coffee comes with the meal.

Where is Nevada Basque?

The seven Basque restaurants listed here are local favorites, but an increasing number of skiers and other Tahoe-area visitors are finding the simple, hearty meals well worth a 45-minute to 1-hour drive, especially when combined with a night on the town.

A dinner at any of these restaurants can cost less than most day lift tickets. At our deadline, dinner prices were competitive: about $8 to $10 for adults, $4 to $5.50 for youngsters under age 10.

From Lake Tahoe's south shore, take U.S. Highway 50 about 35 miles northeast to Carson City; from there, it's 30 miles north to Reno on U.S. 395, or about 17 miles south on U.S. 395 to Gardnerville. From Tahoe's north shore, it's 40 to 50 miles to Reno via Interstate 80 or the Mount Rose Highway.

Several establishments take reservations, but waiting in the bar is part of the experience. While you're waiting, try a Picon Punch. This tasty but potent apéritif is well honored in Nevada, if almost forgotten in the Old Country.

Basque choices in Reno, Carson City, Gardnerville... an hour from Tahoe

Reno

Louis' Basque Corner, 301 E. Fourth Street; (702) 323-7203. Open for dinner 6 to 9:30 every day, except 6 to 10 Saturday. Lunch is offered Monday through Friday from 11:30 to 1:30. Two entrées are listed, rotating from paella or steak one day to clams with rice or leg of lamb the next. Basque memorabilia hang on the walls.

Reno Business Club, 432 E. Fourth Street; (702) 323-6262. Dinner is served 5 to 9 Monday through Thursday, until 10 Friday and Saturday; entrée choice of steak, prawns, or pork chops. The newest Basque restaurant (it opened last June), it has seating in booths with several long family-style tables.

Santa Fe Hotel, 235 Lake Street; (702) 323-1891. Open for lunch noon to 1:30 every day, for dinner 6:30 to 9. Again, a two-entrée menu is rotated: chicken and lamb or veal stew one day, steak or tripe the next. Stark, Old Country atmosphere. Large dining rooms.

Carson City

Toki-Ona Basque Restaurant, 5650 S. Carson Street; (702) 882-9857. Dinner served from 5:30 to 9:30 daily. Entrées include lamb chops, steak, shrimp. Service is family-style, at individual tables.

Gardnerville

Carson Valley Country Club Bar and Restaurant, 1029 Riverview Drive; (702) 782-3715. Closed Tuesdays; open only for dinner on Sundays. Otherwise, lunch is served from 11:30 to 2:30, dinner from 6 to 9. Choice of entrées at dinner: steak or shrimp. The restaurant is in a modern golf club setting with windows overlooking fairways and the Sierra Nevada.

J and T Bar and Restaurant, 760 S. Main Street; (702) 782-2074. Closed Sundays. Lunch is from 11:30 to 2, dinner from 6 to 9. Steak is the entrée each night. Atmosphere is old Nevada hotel. Patrons sometimes play a bar game by tossing a dollar bill, weighted with a silver dollar and a tack, up to the ceiling, where bills stick and dangle by the scores.

Overland Hotel, 691 S. Main St.; (702) 782-2138. Closed Mondays. Lunch is from noon to 2, dinner from 5 to 9:30. Entrée choices include chicken, steak, lamb chops, lamb steak, or shrimp, and customers may specify whether or not they wish to have food cooked with garlic. Old Nevada hotel-style, with dining rooms adjoining bar. □

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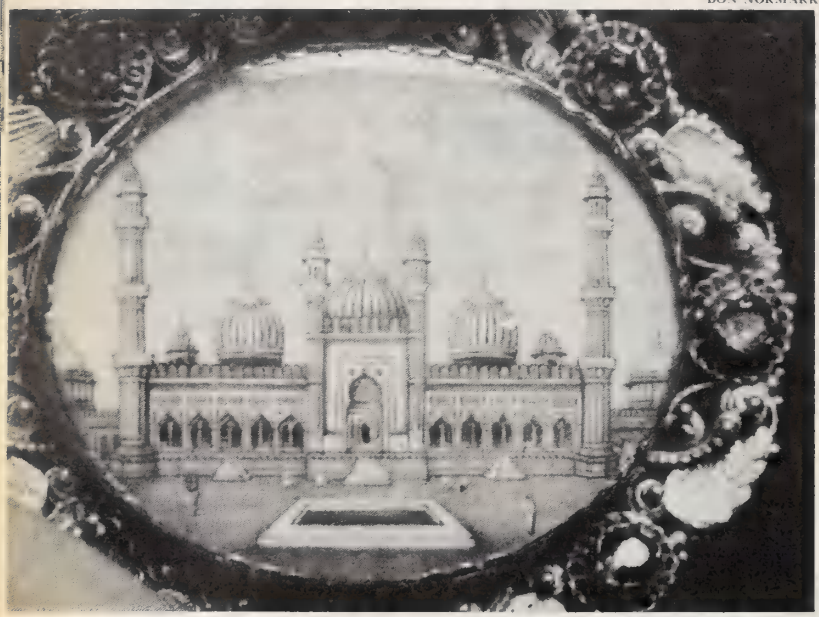

Close-up view *of Victorian brooch shows minaret detail in scrimshaw*

Tweed-clad storekeeper *will be glad to tell you the history of his antiques*

Necklace *of old Chinese cinnabar beads tempts shopper into closer examination*

Antique hunting in Victoria, B.C.

Dignified silver teapots, bone china, here and there a European artifact needed for life in Asia: remnants of the days when Britannia ruled the waves, they're all to be found in the dozens of antique shops that dot British Columbia's capital.

By far the greatest concentration of shops is on Fort Street. Five blocks from the Inner Harbour ferry terminal and four from the Empress Hotel, Fort Street runs north and south. From Blanchard Street north to Cook Street are 24 shops. You'll see fine things from the United Kingdom and its dominions in quantities uncommon to the United States.

A favorable exchange rate (84 cents U.S. bought a Canadian dollar at our press time) is a bonus for American shoppers. Stay in Canada more than 48 hours and you can return with $300 worth of goods duty-free. Signed, original works of art that are more than a hundred years old are duty-free no matter what the price or length of stay of the buyer: be sure to ask for a Victoria Antique Dealers Association certificate or dated bill of sale signed by the shop owner.

Most shops are open from 10 to 5; closed

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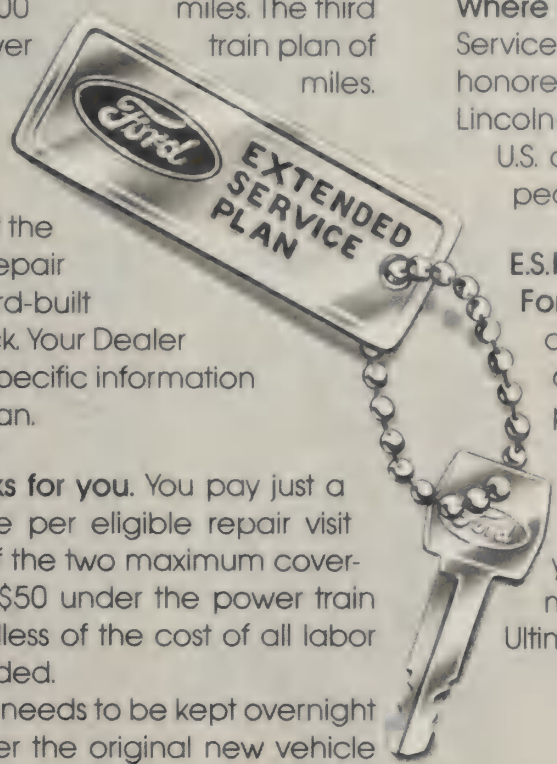

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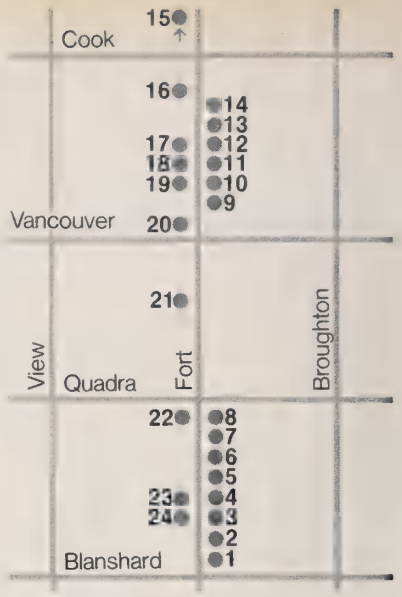

Multiroomed *Connoisseur's Shop (#15) tops four-block antique shopper's paradise.*

Sundays. Between noon and 2 in winter, you may see "out to lunch" signs posted.

1. *Fort Antiques* (823 Fort Street), (604) 383-5441.

2. *Victoria Antiques* (825), 383-2723; Oriental screens and furniture, silver.

3. *Collectors Corner Antiques Ltd.* (829), 386-1155; silver tea services, jewelry, spoons.

4. *The Wee Curio Shoppe and Chimes of Tyme* (830), 384-3215.

5. *Alexander's Antiques* (833½). Shop closed in September; another may have opened by now.

6. *Fred Newberry Antiques* (835), 388-7732.

7. *Roger Newberry Antique & Stamp Shop* (837), 383-6541; coins, stamps, china.

8. *Harlequin House Antiques* (839), 382-2525; wooden boxes, silver.

9. *David Robinson Ltd.* (1019), 384-6425; Oriental furniture.

10. *Vanhall Antiques Ltd.* (1023), 382-7643; Oriental ceramics, 17th- to 19th-century silver.

11. *Pacific Antiques Ltd.* (1025), 388-5311; wood furniture, silver.

12. *Sands of Time* (1033), 384-2817.

13. *Golden Cameo* (1035), 385-5634; Oriental jade, furniture, ivory beads.

14. *Clock Shop* (1037), 383-9251.

15. *Connoisseur's Shop* (1156), 383-0121; a 10-room house full of fine antiques.

16. *Domus Antica Galleries* (1038), 385-5443; English oak dining sets, pewter.

17. *Hibernia Antiques and Works of Art* (1034), 386-0911; antique swords.

18. *The Antique Shop* (1032), 382-4939; unusually varied collection.

19. *Marshall Antiques and Collectibles* (1030), 382-0511; china and crystal.

20. *Jefferies & Co. Silversmiths Ltd.* (1026), 383-8315; handwrought silverware and jewelry.

21. *Butler Galleries* (950), 383-3442; maps, engravings, travel and adventure books.

22. *Titus Gallery Ltd.* (890), 385-5911; 17th- to 19-century prints and maps.

23. *Waller Antiques* (828), 388-6116; silver spoons, china.

24. *William Dennis & Son* (826), 382-2412; British watercolors, prints, documents. □

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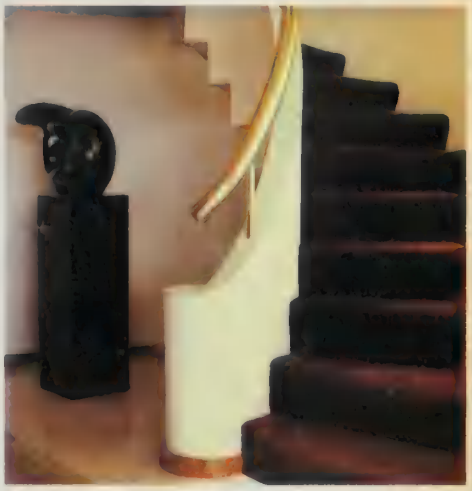

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JERRY FREDRICK

Cutaway model *of transport ship shows how Seabees and their cargo were carried*

Half-sailors, half-engineers, Seabees have their museum near Oxnard

Say you want to build a bridge in Borneo or a landing strip in Luzon, maybe in the monsoon season, maybe in wartime. Whom do you call? Since World War II, the United States has been calling on the Naval Construction Battalions, whose unwieldy appellation was quickly nicked to "Seabees." Port Hueneme, 60 miles northwest of Los Angeles, has long played hive to swarms of Seabees; during World War II, more construction equipment was shipped overseas from Hueneme than from any other port in the country. Thus it makes a fit location for the nation's only museum devoted to these half-sailors, half-engineers.

It's housed in a building that is itself an example of the artless masterwork of military architecture—the Quonset hut. (Actually, two remodeled huts form the museum.) Inside you'll find models of troop transport ships and of the floating dry docks that allowed those ships to berth on coasts that never held a natural harbor; you'll see dioramas of Seabee landing operations. And because Seabees are as susceptible as anyone to the call of the souvenir, the museum also contains countless mementos of Seabee tours of duty, including carved ivory from Alaska and samurai swords from Japan.

The museum is open weekdays from 8 to 4:30, Saturdays from 9 to 4:30, and Sunday from 12:30 to 4:30; admission is free. To get there, take State Highway 1 to Oxnard and turn west on Channel Islands Boulevard, then south on Ventura Road, continuing to the Seabee base entrance on your right. ▫

Busy, bellicose bee *at Hueneme Museum entrance carries tools (T-square, wrenches, levels, and guns) its namesake troops use*

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Mercedes-Benz unleashes two more high-performance Turbodiesels.

The 300 D Sedan and 300 CD Coupe now generate 45 percent more power–a smooth, hushed, turbinelike flow of power–but generate no extra thirst for fuel. And the only diesels that rival their performance are the two other Turbodiesels from Mercedes-Benz.

The 17-pound object in this man's hand adds no noise, needs no upkeep, runs on nothing but exhaust gas and air–and has just helped turn the Mercedes-Benz 300 D Sedan and 300 CD Coupe into two of the most potent diesels ever built for sale.

It is a turbocharger, the mechanical heart of an advanced power system that Mercedes-Benz pioneered and has since proven in its 300 SD Sedan and 300 TD Station Wagon: that ingenious interlocking of turbine and diesel technologies, the Turbodiesel.

Head for the hills

The Turbodiesel idea is no longer new or exclusive to Mercedes-Benz. Mercedes-Benz Turbodiesels simply outpower every other diesel automobile, turbocharged or otherwise, that you can buy today.

You are thrust away from stoplights and down the road with sudden new velocity, backed by 45 percent more horsepower *and* 42 percent more torque.

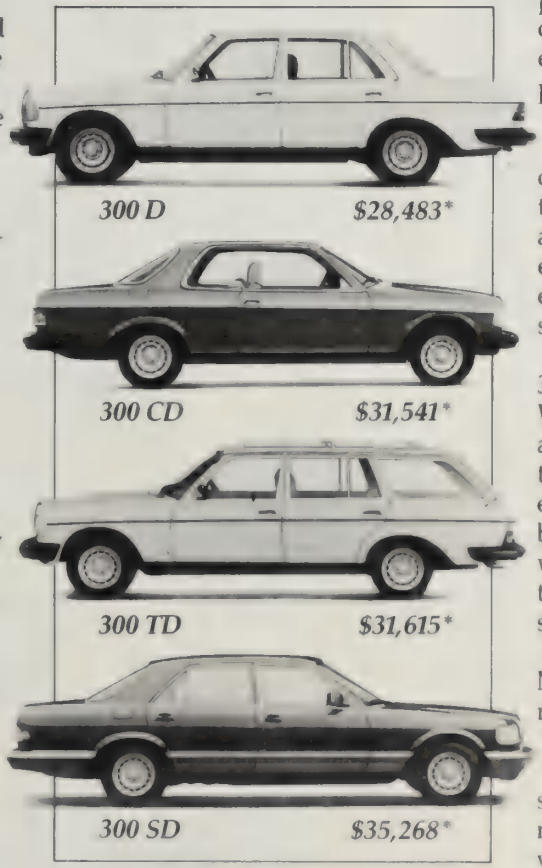
You can pull out and flash past slower vehicles. You feel no lag on hills. Throttle response even in the middle speed range is crisp.

The car meanwhile burns less fuel than a normal five-cylinder Mercedes-Benz diesel. It is docile where other performance cars (and many of today's gasoline-powered cars) can be balky. It doesn't smoke like a tramp steamer as it climbs long grades. On frigid mornings it can fire up in seconds. It never needs even a conventional tune-up.

If you termed this the most enlightened form of automotive power for the eighties, Mercedes-Benz would not strongly disagree.

Oil-cooled pistons

In Turbodiesel form, nearly half of the renowned five-cylinder Mercedes-Benz diesel engine's key internal components are replaced by new and more rugged parts.



Deep in the base of the engine block, a series of tiny nozzles sprays *jets of oil* into the pistons to help cool them as they work.

Not even the Turbodiesel's transmission is the same. It is a compact four-speed hydraulic wizard of an automatic, a torque converter device so quick that it can shift gears in 1/10th of a second, so smooth that many shifts are imperceptible.

45 percent more pleasurable

The 300 D Sedan is not the largest or the costliest Mercedes-Benz Turbodiesel, but its superb new ratio of power to weight makes it close to the quickest. Imagine the effect on a 3585-lb automobile of 45 percent more power–paid for with less than *five* percent more weight.

Imagine the effect of this extra performance on a nimble-handling car already second to no sedan, foreign or domestic, in roadholding prowess.

The 300 D remains at the same time an ideal family automobile, conveying five adults within one of the more intelligently designed and appointed cabins on wheels. Almost every reasonable amenity already exists in the 300 D–without consulting an option list.

Turbodiesel performance in the 300 CD Coupe is icing on a rich cake. With its two-plus-two coupe format and its pronounced sporting flavor, the 300 CD already ranked as an exotic Mercedes-Benz. But no mere boulevardier: a taut 106.7-inch wheelbase and precise reflexes help this suave machine to excel in hard, sustained, nip-and-tuck driving.

These two models fit into the Mercedes-Benz Turbodiesel price range just below the 300 TD Station Wagon, which in turn stands below the 300 SD Sedan. Sumptuously spacious, almost eerily quiet-running, clad in its aerodynamically advanced body, that remarkable automobile occupies the summit of modern diesel passenger car design.

But all four Mercedes-Benz Turbodiesels advance the science of the automobile, by providing performance levels that so many Americans prefer–*and* the efficiency that today's world demands.

*Approximate suggested advertised delivered price at port of entry.

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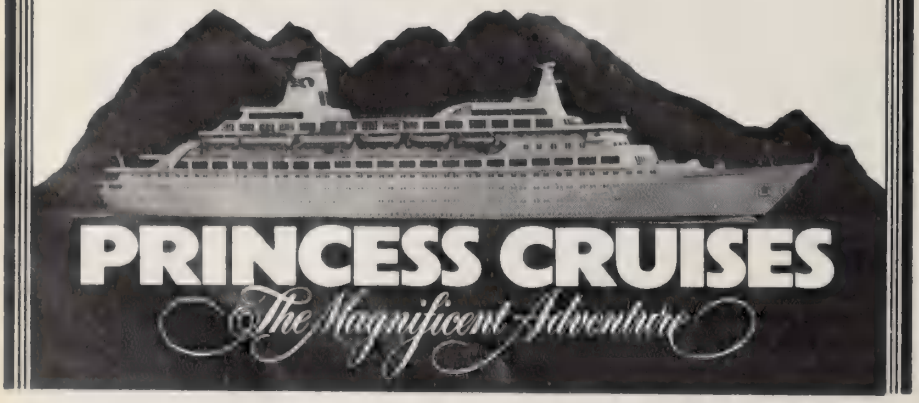

JOHN HARDING

Dutch Windmill's spars *will spin again in breeze over Golden Gate Park*

Spinning again in Golden Gate Park

For years, the Dutch Windmill in Golden Gate Park stood sadly sparless. But soon, thanks to volunteer donations and U.S. Navy Seabees, new 102-foot-long spars will gracefully sweep the sky.

Built between 1902 and 1903 to pump irrigation water, the windmill survived the 1906 earthquake but eventually fell into disrepair. In 1966, Eleanor Rossi Crabtree began collecting donations for its restoration; since then, more than a quarter of a million dollars has been contributed. U.S. Navy Seabees stationed at Treasure Island volunteered to do the construction work, which began in 1974.

A rededication ceremony is tentatively scheduled at the windmill on November 14 at 11 A.M.; for details, call (415) 558-4268. Its interior remains closed.

The Dutch Windmill rises in the northwest corner of Golden Gate Park off John F. Kennedy Drive. The sparless Murphy Windmill (1907) stands in the park's southwest corner. You can read more about the early history of the windmills in *The Making of Golden Gate Park*, by Raymond H. Clary (California Living Books, 1980; $10.95). □

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More Mexico For Les

Diego Rivera, The Totonac Civilization (detail), National Palace, Mexico City.

Mexico City Alameda

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Packages from as low as $119,* including welcome cocktail, city tour, daily American breakfast. And more. Effective 12/20/81-4/17/82.

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The "Zona Rosa," Mexico City's elegant and exclusive shopping and restaurant center, is now home to the new Galeria Plaza. With 450 gracious rooms and suites, 8 restaurants and bars. Ile de France, a superb Parisian gourmet restaurant; European-style Cafe Plaza and Restaurant Plaza open 24 hours; Lobby Bar; Le Chic disco; piano bar. Rooftop pool, Executive Club and cocktail lounge.

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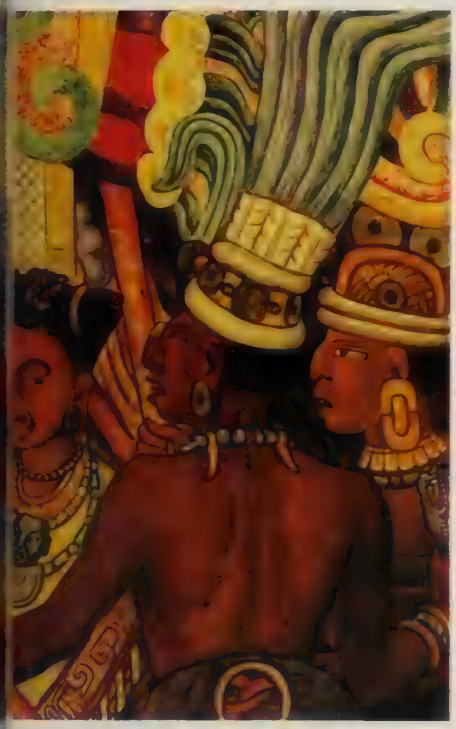

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We want to extend special thanks to the Mexican National Tourist Council, who helped us obtain permission to photograph the murals pictured in this campaign.

WESTIN HOTELS

MELONDE R. ALLAN

Bounded *by the crater's rim, hikers look toward Koolau Mountains. Steep old stairway seen at right links tunnels to top*

Up Diamond Head for Honolulu views . . . less than a mile trail

Honolulu's Diamond Head Crater is more than just Hawaii's most famous landmark; it also offers an unusual hike. A short (0.7 mile) trail gradually winds around the southwest corner of the crater en route to the summit, 760-foot Point Leahi.

About three-quarters of the way up, you go through two tunnels, then climb 165 steps, a four-tiered spiral staircase, and a metal rung ladder—the remains of a military observation post built before World War I. Finally, a narrow doorway leads out from a bunker to the summit. From there you have a panoramic view of Honolulu and the Koolau Mountains beyond.

Groups of 25 or more need to obtain a free permit from the Division of State Parks at 1151 Punchbowl Street, Room 310, in downtown Honolulu (across from the state capitol); office hours are 7:45 to 4:15 weekdays. Trail maps and safety tips are available there. Maps are also available from the caretaker on duty at the crater.

Other than a pair of walking shoes, the only equipment you'll need is a flashlight and a canteen. Drinking water can be found at the trailhead.

The crater is about a mile from Waikiki and is easily reached by car, bus, or bicycle. Follow Diamond Head Road around the far side of the crater, then turn left at the Diamond Head sign (across from the Fort Ruger complex). The trailhead is at the rest area inside the crater. Hours are 6 to 6 daily. □

Vivacious face *dominates Aspetto di Magiori (left), a portrait by Ellen Irvine on view at Celebrations Gallery. Above, eyes of Picasso watch pedestrians crossing Third Avenue at F Street*

Artists are livening up San Diego's Gaslamp Quarter

In the 1870s, the Gaslamp Quarter was San Diego's booming business center. But over the next 30 years the business district moved north, and the downtown quarter became home to dark and nefarious pursuits.

Now, after years of neglect, the 16-block national historic district stretching from Broadway to Harbor Drive between Fourth and Sixth avenues is undergoing full-scale renovation. Worn sidewalks are being converted into red brick promenades. Aged Victorian structures—some of the finest constructed between the Civil War and World War I—are regaining their 19th-century splendor.

And amid all the activity live many artists, drawn downtown by low rents and large, well-lit studio space. Though small and diverse, the artistic community is putting its stamp on the quarter's development. Besides the opening of office space and dozens of new restaurants and shops, six art galleries have moved in—and more are expected.

The artists' presence is evident out on the streets as well. Three murals—one within the quarter's boundary and two on neighboring streets—complement an art-oriented walking tour. The eyes of Picasso, painted by Mario Torrero on the Pythias Building at 850 Third Avenue, peer down on F Street. Ellen Irvine painted a mural of grazing cows at Seventh Avenue and G Street. At Fifth and Island avenues, windows have been painted on two sides of a brick warehouse. And thanks to a $14,000 grant from the city, five more murals will soon decorate downtown buildings.

But the range of art here is not limited to murals and galleries. A walk through the Backesto Block at 614 Fifth Avenue reveals renovation artistry at work—even in the rest rooms. At the Gaslamp Quarter Theatre, 547 Fourth Avenue, an ensemble dramatizes scenes of downtown San Diego life at noon Wednesdays and Fridays; show and lunch cost $4.75, show only $3.

The Gaslamp Quarter Association, a major force behind the area's changing face, regularly sponsors guided walks and other activities. For information on November events, call (714) 233-5227.

Six galleries (four on Fifth Avenue)

The art galleries are concentrated along Fifth Avenue. Each has its own style and mood. Hours can be irregular, and some galleries may be between shows.

Installation, 447 Fifth Avenue, has two shows a month, each lasting about a week. Painting, photography, and assemblage make up most exhibits. For more information, call (714) 232-9915.

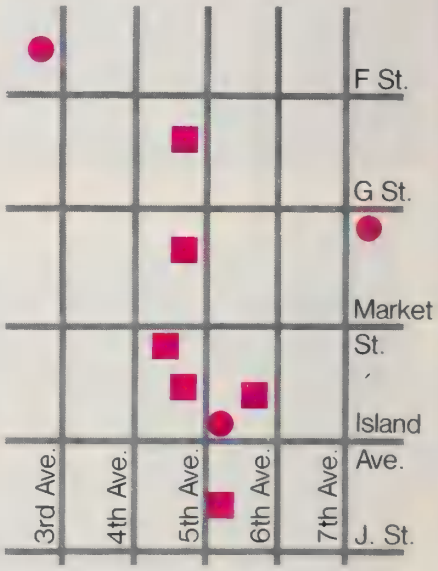
At *Celebrations Gallery*, 552 Fifth Avenue, fine arts and contemporary crafts are downstairs, folk art and a cafe upstairs. For hours, call (714) 239-5252.

Art that inspires community awareness is the basis of the *Multicultural Arts Institute*, 425 Market Street. Displays include silk screens, photographs, and posters. The institute sponsors art competitions and a yearly festival, and has studios upstairs.

As its name implies, *Interim Space*, 534 Sixth Avenue, is a temporary gallery open at least through December. You'll find only the abstract work of William Gambini here; he paints with acrylics and enamel on canvas and sculpts constructions. Viewing is by appointment only; call (714) 298-4167.

Reutter Gallery, 644 Fifth Avenue, features fine prints and posters by O'Keeffe, Erté, Nadel, and etchings and paintings by owner David Reutter; call (714) 234-2595.

At the *Pawn Shop*, 748 Fifth Avenue, artist-director Jay Johnson emphasizes the artistic process. Exhibits (some with demonstrations) offer insight into how creative elements form a completed work. For information on upcoming shows and poetry readings, call (714) 232-6794, ext. 3 □



A walk around *downtown streets takes you past art displays. On map, squares show galleries, circles denote murals*

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S-11/81

Rios-Caledonia Adobe *(left) dates from 1840s, served as inn and school. Below, mission's Saint Michael smites Satan*

Mission San Miguel, *still run by Franciscans, was 16th in mission chain; its garden is said to contain 34 varieties of cactus*

MARTHA WOODWARD

Still a rest stop between L.A. and S.F. . . . San Miguel's 1846 adobe and 1797 mission

The hills of northern San Luis Obispo County are today a rumpled gold backdrop to four lanes of U.S. 101. But a century ago they were a forbidding frontier where a place to eat and drink and sleep was welcome in a way even the glossiest of modern motels could never be. For a good bit of the 1800s, the Rios-Caledonia Adobe in the little town of San Miguel, 7 miles north of Paso Robles, offered rest to travelers riding the stage between San Francisco and Los Angeles. Now, after years of neglect, the adobe has been restored and opened to the public as a reminder of an era when trips on El Camino Real were measured in days, not hours.

The adobe was built in 1846 by Petronillo Rios, on land originally owned by neighboring Mission San Miguel Arcángel. A few things have changed since Rios's residency: his dirt floor was replaced at some point by a wooden one (to discourage fleas so fierce they drove one family from the house); the ancient-looking tile roof is a relatively modern replacement, salvaged from a Paso Robles motel.

But much here harks back to the adobe's life in the 19th century, when it served first as the Rios hacienda, then as the Caledonia Inn (said to be frequented by such blackguards as the Dalton Gang and Joaquin Murieta), then as post office and schoolhouse. Some of the displays are simply heaps of once-common household items made arcane with the passing of time (who today recognizes a glove stretcher?). Docents are available if confusion gets the best of you. The adobe is open from 10 to 4 Friday, Saturday, and Sunday.

Visitors to the adobe should also stop in at the Mission San Miguel Arcángel immediately to the north. Built in 1797, it is one of four missions still run by the Franciscan order that founded the chain, and it is infinitely more appealing when explored on foot than when viewed from the freeway that slices behind it.

A self-guided tour will take you through a cactus garden; a somber, lovely cemetery; and then inside to view a good collection of relics (note especially the carved and painted Archangel Michael tromping all over a bemused Lucifer) and the padres' cool, thick-walled living quarters, with ovens and looms and other homey fixtures of daily life. Prepare to be impressed by the mission chapel: its decorations (especially the reredos, emblazoned with the all-seeing eye of God) are painted with a moving naive vigor that has led them to be called the best in the mission chain.

San Miguel is open from 10 to 5 daily. To reach it and the Rios-Caledonia Adobe, leave U.S. 101 7 miles north of Paso Robles at the San Miguel exit and follow the signs. □

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DAVID STUBBS

SWISS NATIONAL TOURIST OFFICE

Ski train *of Gornergrat Railway is part of network that takes skiers to slopes near Zermatt. Sunnegga ski area (right) offers close-up view of Matterhorn*

The Swiss ski hamlet of Zermatt makes getting around interesting

Alpine taxi *transports skiers, equipment. Sheepskin blankets keep passengers warm*

For the cost-conscious Swiss, investing in any unnecessary public service runs against the national grain. This was the case in the alpine hamlet of Zermatt in 1959 when the idea of a road was first discussed. Most villagers saw no reason to spend money on a road when they already had an efficient cog railroad connecting them to the outside world.

Eventually the road was built, and Zermatt became a world-class resort known primarily for outstanding skiing and summer hiking around the Matterhorn. But the villagers did not give in. Automobile traffic is restricted to a parking lot 3 miles below the town in the village of Tasch (public parking costs about $1.50 per day).

Zermatt's innovative movement of tourists and supplies without buses, trucks, or cars is worth more than a casual glance. From Brig, most visitors take the dramatic 1½-hour ride to town on the 90-year-old cog railroad, then get around on bell-jingling horse-drawn sleighs or silent electric taxis. Visiting skiers we talked to last winter all maintained that getting there was half the fun.

The quiet, clean air in the village is one of the rewards of an auto-free environment. Even during the evening, the traffic noise is limited to the sound of falling snow, muffled sleigh bells, and hoofbeats. Still, this benign traffic is not without its perils. Sleighs and electric vehicles compete with pedestrians for the right-of-way, and getting off an icy street while wearing ski boots is ungraceful at best. Electric taxis cause most concern—they move quickly and quietly. You soon learn to keep an ear cocked for a sound like that of an overgrown sewing machine on the loose behind you.

Although most residents own cars, few townspeople resent not being able to drive to their houses. "We can walk anywhere in town in 15 minutes," says one villager. "If we let cars in, it would probably take longer to drive, and there'd be no place to park when we got there."

Much of the work in town is performed by small electric carts that carry huge loads of goods from the Zermatt station or Tasch parking area to stores and hotels. Most can run 2 to 3 hours before recharging. Nearby, two hydroelectric plants provide 40 percent of Zermatt's electricity needs; additional power has to be purchased from the Lonza power station in Visp.

Quaint in-town transportation does not extend to the challenging ski areas (more than 75 miles of groomed runs in three major ski areas) on the south and east flanks of the village. Here, a network of trains, trams, gondolas, and chair and poma lifts interlaces the slopes and seems to be able to disperse skiers without

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DAVID STUBBS

Horse-drawn coach *shuttles guests from railway station to village hotels*

much waiting, even at the height of the season (February to April).

Bottlenecks occur at the three main loading points in Zermatt, but new developments over the last year should help. Last fall, a new $16-million underground funicular railway opened to the Sunnegga ski area, and over this past summer the cog railroad up to Gornergrat ski area has added more track and two new cars. Europe's highest cable car, to the 12,533-foot shoulder of Kleine (little) Matterhorn, opened in 1979.

The strengthening dollar and Switzerland's inflation-resistant economy can make a week of skiing here competitive with most first-class ski resorts. A six-day pass to all three ski areas is $98 for adults, $49 for children under 15. Standard hotel rooms with bath cost $55 to $70 per night, although many pensions offer a double room without bath for as little as $35 to $40. All room rates include breakfast, tips, and taxes.

If your hotel knows in advance when you will arrive at the station, it will meet you; otherwise the horse-drawn sleighs charge a minimum of $4 per couple.

Swiss trains are a marvel of scheduling and timeliness. Transportation to and from Zermatt is provided by the Brig-Visp-Zermatt railroad that operates as many as 46 shuttle trains a day. From Geneva, it's 3 hours ($21 one way) to Brig where you connect with the train to Zermatt; it's 4½ hours ($24.20 one way) from Zurich. The 25-mile ride up steep Vispa canyon to Zermatt takes 1½ hours and costs an additional $23 round trip. If you plan on doing several days of rail travel in Switzerland, consider a Swiss Holiday Card (starting at $60 for four days or $79 for eight days).

This winter several airlines and tour companies will be offering attractive ski packages to Zermatt and other downhill resorts. For details, see your travel agent, or write or call the Swiss National Tourist Office, 250 Stockton St., San Francisco 94108; (415) 362-2260. □

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Then come on up to Canada. The whole neighborhood's going downhill.

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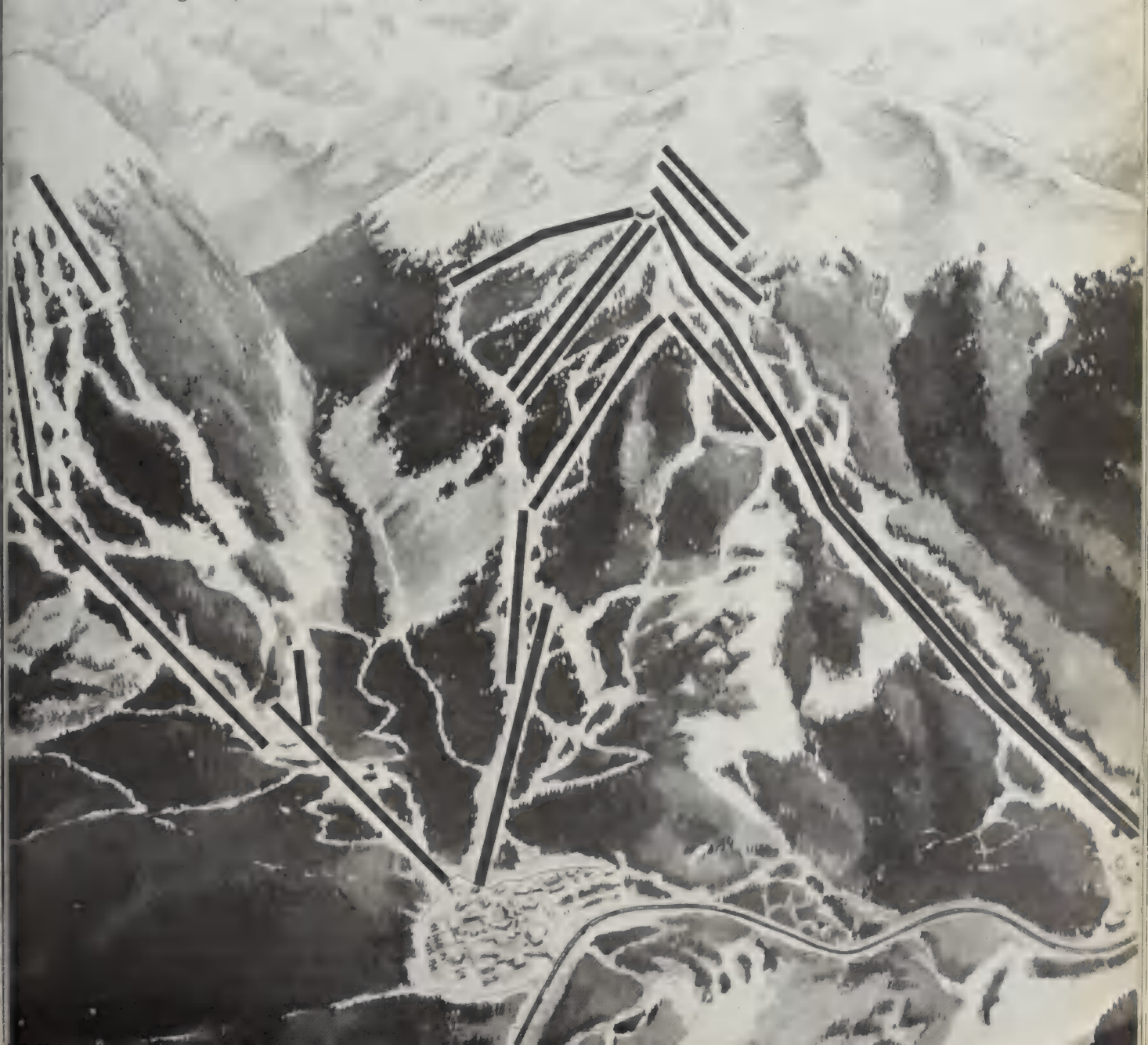
*Based on double occupancy. Not applicable Christmas and Easter weekends. Prices subject to change without notice.



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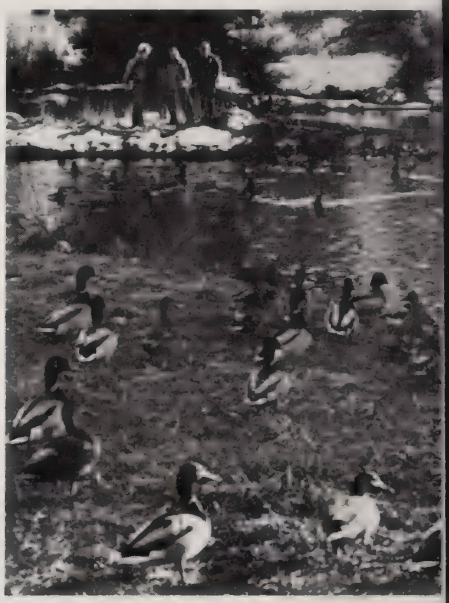
SUSAN BIDDLE

Snowfree lakeshore *of Aspen sanctuary tempt birds to winter here. On tour, above, you can help guides toss out supplemental feed to mallards, pintails*



Ducks warm their feet near Aspen

The shivering winds of winter's onset send most of the birds down from the Colorado highlands by November. Yet many remain at Aspen's Hallam Lake Sanctuary, where warm springs bubbling into the 6-acre lake keep it fairly warm and ice-free with plenty of avian foodstuffs. This month you can have a look on foot or by snowshoe.

The 22-acre sanctuary, part of the Aspen Center for Environmental Studies, offers a riparian and marshland habitat to more than 125 birds and 20 mammal species. In winter you're likely to see ducks, Canada geese, and great horned owls, as well as beaver and muskrat.

You can follow a footpath around the lake on your own or with a guide. Naturalist-led walks ($2) start at 3 on Tuesdays and Thursdays; snowshoe walks ($6) begin at 10 on weekdays not yet set. Each lasts about 2 hours.

The sanctuary is at the end of Puppy Smith Road just north of the center of Aspen. It's open 8 to 5 weekdays. ◻

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DAVID STUBBS

Mount Diablo, *Bay would look familiar to Portola; airport might stump him*

S.F. Bay views on Sweeney Ridge

San Francisco Bay is not a puddle easily missed, yet miss it early explorers did: even such seasoned mariners as Cabrillo and Drake apparently sailed past the Golden Gate without detecting the waters that stretched inland behind it. Not until 1769 was the bay discovered—a find that you can re-create with a group anniversary hike or on your own.

Credit for the discovery goes to the party led by Don Gaspar de Portola, who in the summer of 1769 journeyed up the California coast in search of the already-sighted bay at Monterey. Portola's party didn't recognize that bight when they saw it, but on November 4 they climbed what is now known as Sweeney Ridge, in Pacifica, to gape at a natural harbor far greater than Monterey's.

Each year, Pacifica and the Portola Expedition Foundation honor Portola's feat with a group hike. This year holds even more reason to celebrate; Sweeney Ridge, once slated for condominiums, is under option to the Trust for Public Land. Pending Senate approval, it will be added to the Golden Gate National Recreation Area.

The steep 4-mile round-trip hike begins at 10 A.M. October 31 with a slide presentation at Meridian West School, 840 Fassler Avenue, Pacifica; take State 1 to Pacifica and turn southeast on Fassler. Because of the date, costumes are encouraged; for more information, call Walt Kohnert at (415) 877-8631.

To make the hike at other times, get a permit in person or by mail (enclose a stamped, self-addressed envelope; allow two weeks) from Pacifica City Hall, 170 Santa Maria Ave., Pacifica 94044. The trailhead lies at the end of Fassler. □

This is what New Zealand looks like to the experienced traveler.

A world traveler who tries to describe New Zealand is apt to paint an extraordinary picture.

He'll begin by telling you it has the unspoiled wilderness of an Alaska, beaches that rival Hawaii, breathtakingly beautiful fjords like Norway, and majestic Alps like Switzerland.

Then to confuse things a little more he'll tell you New Zealand's cities and villages will make you think of England, New Zealand's lush green meadows will remind you of Ireland, and her towering Mt. Egmont will put you in mind of Japan's Mt. Fuji.

To top it off, he'll say New Zealand has the nicest people, fairest climate and cleanest air on all God's green earth.

And as an afterthought, he'll add that it's one of the few travel bargains available today.

And on all counts, he'll be right.

For the full story about New Zealand's diversity send in this coupon.

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Spectacular views of the Pacific or the Santa Monica mountains from all of our 193 luxurious guest rooms and 97 suites. Plus an outdoor heated pool, 3 restaurants, including the famed International Room, and lounge. 9 meeting rooms for 10-1000, all facing the beach at Santa Monica.

The Royal Hawaiian Hotel, Honolulu
An experience right on the beach that you owe yourself. Walking distance to the center of exciting Waikiki, this historic hotel is famous for its spacious elegance, spectacular entertainment, Grande Suites and gourmet dining all in an informal, luxurious atmosphere.

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HOTELS & INNS, WORLDWIDE

Milan's walkable downtown gives you a look at Italy's design pioneering

Fanning out *from Piazza del Duomo and Piazza della Scala are streets with hundreds of design shops*

GLENN CHRISTIANSEN

In cushiony comfort, *visitor tries bed-chair. Quilt is attached, slippers are separate*

Centuries separate Milan's historic stone palazzos from the sleek home furnishings that fill the modern shops inside them. Today, Italy is a design pioneer, and nowhere can you see such a concentration of experimentation as in the very walkable center of downtown.

On even a brief visit to Milan, you can immerse yourself in the latest designs for furniture, kitchens, baths, fabrics, lighting, and accessories. Within a stone's throw of La Scala, the great cathedral (Duomo), and Galleria Vittorio Emanuele are numerous show rooms. For some visitors, these are the most rewarding attraction of all.

In refreshing contrast to West Coast design outlets such as the Pacific Design Center in Los Angeles or the Galleria in San Francisco, the Milan show rooms are open to the public. Italian entrepreneurs shun the to-the-trade-only method of doing business; here, anyone can browse

Sleekly displayed *sculptural vases are excellent examples of Italian design. And they're small enough to carry home*

Rusticated *stone archways frame glimpses of the contemporary home furnishings Italian designers are famous for*

BRITISH COLUMBIA.

IT'S A FAR CRY FROM HOME. AND LESS THAN 3 HOURS AWAY.

This fall, CP Air would like to take you on a vacation to a world that's worlds apart.

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There's our combination tour: 5 days and 4 nights. You'll spend 2 nights in Vancouver, amidst spectacular scenery. Then we'll ferry you to Victoria on Vancouver Island, where you'll enjoy a 2 night stay, and discover the city's quaint English atmosphere.

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When you sail up our coast, you're in for an unforgettable experience.

Towering mountains. Awesome glaciers. Fjords. Whales.

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farther north of the border. And our Super Saver Midweek Fares and off-season rates can save you even more.

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3 round trips daily Los Angeles to Vancouver.
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Dazzling patterns *are hand-printed on velvets, other fabrics for this Via Manzoni show room*

and buy goods to carry or ship home.

On items that you can carry with you, prices will be cheaper in Milan than at home. For larger things that must be shipped (you can order an entire modular kitchen if your kitchen's dimensions are converted to metric and you don't mind a long wait), the cost may be as much as with a decorator's markup in this country—assuming you could find the same items here. In any case, looking can be a lot of fun—at furniture that takes the term "overstuffed" to new extremes; at lighting fixtures that look as though they've landed from outer space; at finely crafted works in wood, leather, lacquer, marble, or steel.

Some of the most exhilarating innovation appears in kitchen design. Routine features include appliances faced with the same material as the cabinetry; modular cabinets that sometimes roll out from under counters to become serving carts, dining tables, or additional work surfaces (sometimes with a cook plate or warmer); built-in dividers, holders, organizers; vegetable baskets and chop blocks sized to fit within the rim of a sink.

A good place to start a walk is Centre Domus on Via Manzoni at Via Pisoni (just north of Via Monte-Napoleone). Here you can pick up a free list of show rooms; stop by on a weekday from 9:30 to noon or 3 to 7. Our map shows several of the most promising streets, and the following list gives highlights. Most shops are open Tuesday through Saturday from 9 to noon and 3 to 7.

Via Manzoni: Boffi (30), kitchens with solid beech or beech-trimmed cabinetry. Stilwood (45), modular stackable and upholstered storage and seating units. Near Centre Domus is Allemagna coffee bar, where you can stand or sit for refreshments, pastries, other snacks.

Via Verdi: Ar d'In (6, around corner from La Scala), furniture, kitchens, glassware. Continues as *Via Brera:* Naj-Oleari (8) and Naj-Oleari Bambini (5), printed fabrics sold as yardage and made into home accessories, toys.

Via Monte-Napoleone: Fontana Arte (3), hand-beveled crystal and stainless steel bathroom fixtures, tabletop accessories. Sormani (26), cane and wood furniture, folding wood chairs, lacquer furniture. Here, too, are the fashion show rooms of Missoni, Valentino, Ferragamo, and others. Around the corner on Via Borgospesso is Ristorante Bice (2), with excellent Milanese cuisine at moderate prices.

Via Spiga: Dada (2), the modular kitchen as high art—in woods, lacquers.

Corso Monforte: RB (7), custom kitchens with cabinets of oak, ash, lacquer, stainless steel; granite or steel-trimmed counters. Flos (9), avant-garde lighting fixtures. Artemide (19), stackable chairs and tables of molded resin, ash and resin chairs in bright colors, lighting fixtures—some industrial-looking, some in fabric.

Via Borgogna: Arflex (2), interesting metal-framed quilted-cushion chairs and quilted couches.

Via Cerva: Plana (17-19), light pine furniture, cotton-upholstered furniture, lamps, kitchen components. Many other interesting shops on way to *Largo Augusto:* Rossi di Albizzate (at corner of Via Francesco Sforza), wide-ranging styles—leather and canvas deck chairs, overstuffed seating units, stackable canvas chairs, mobile bar and telephone centers.

Via Durini: Cassini (16), cushy leather, fabric, and metal furniture.

Corso Europa: Arc 74 (2), leather furniture, and seating, tables, and storage units of Russian pine. □

Lift-away grills, *a common feature, make cleaning the steel cooktop much easier*

Double-duty *pine stepladder at Plana shop folds down on hinges to become a table*

Amid the design shops, *courtyard restaurant Don Lisander on Via Manzoni serves thick minestrone you eat with a fork*

IN YOUR SEARCH FOR A LONGER LASTING CAR, REMEMBER LONGEVITY IS HEREDITARY.

As car prices have spiralled, so have people's expectations of what they should get for their money.

A recent study by the Roper organization, for instance, has shown that Americans plan to keep their cars longer.

Which could explain why more and more people are buying Volvos.

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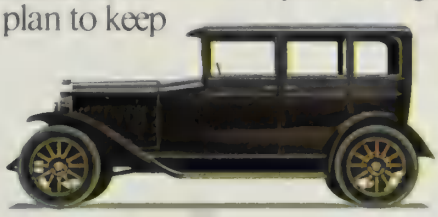

So if you expect your next new car to last a long time, make sure you marry into the right family.

VOLVO
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*Analysis conducted by Ken Warwick & Associates, Inc. Based on a comparison of U.S. registration data for Volvo and for the automobile industry as a whole and not by individual make. Summary available at your Volvo Dealer. © 1981 Volvo of America Corporation.

Alaska!

Spectacular scenery is just the beginning.

GOLD Alaska loves s gold rush history. Today s towns still teem with igh-kicking, knee-apping frontier-style fun: an can dancers, free-birited saloons, riverboat addlewheelers, comic pera, and even a narrow auge railway.

ESKIMOS The unique nature of Arctic Alaska has produced a people with inner strength and captivating warmth. Their sensitive artwork, inviting hospitality, and fascinating culture are a part of Alaska you're not likely to forget.

FISHING In Alaska you rarely hear tales of "the one that got away." With 33,904 miles of shoreline, thousands of streams and more than a million fresh-water lakes thick with salmon, steelhead, or pike, even the novice fisherman can come home with "the big one."

NATURE Walk the wilderness. Hike the high country. Young or old, you'll find no more awesome sight on the continent than the wildlife of Alaska's magnificent parklands. Shirtsleeve weather and well-marked trails invite adventure.

PHOTOGRAPH Bet you can't take just one In Alaska, great pictures ar everywhere. Here, too, you'll find a myriad of unique shopping treasures fabulous furs, paintings, soapstone sculpture and exquisite native handicrafts With 20 hours or more o summer daylight, there's time for doing it all.

OTEMS Learn the ny symbols of the ems, and like ■ pieced- ether puzzle, the tribal tory and exciting ends of the Alaskan ians come alive. The stic craftsmanship, rant festivals and cere- nial dances of these ive people will astound l delight you.

SNOW Untracked powder on mountain slopes, snowy meadows and bustling Alpine ski resorts. These are the Alaskan arenas of winter and spring downhill and cross-country skiing. And for the ultimate skiing experience— shooshing down otherwise inaccessible glaciers — helicopter lifts are available year round.

ELEGANCE Cruiseships and luxury hotels make "roughing it" in Alaska an option, but hardly a necessity. You can savor ■ fresh-caught salmon dinner with a glass of iced champagne, retire to a comfortable suite, and still awake to spectacular wilderness views.

FESTIVALS Russia ruled Alaska until 1867. Later, Scandinavian immigrants founded many of the first towns and villages. You can see Russian folkdances, onion-domed churches, and take part in a "Little Norway" spring festival.

SOURDOUGH Pioneer spunk, ■ tough y gregarious spirit, and a p of sourdough were all Alaskan prospectors needed in 1898. And so they became known as Sourdoughs. Their stori and mouthwatering recip are still a very real part o Alaska.

FREE! *Everything you need to know to plan your Alaska vacati Send for WORLDS OF ALASKA, the 132-page official planning gui Write Alaska State Division of Tourism, Pouch E-52, Juneau, AK 998*

DAVID STUBBS

Poised squirrel *(the children noted the careful rendering of the muscles in his paws) is an 1840s drawing by American naturalist-artist John James Audubon*

Small 1505 print, *The Great Horse, is by master engraver Albrecht Dürer*

From Dürer to Disney, animals in art...in San Francisco

Here's an art show that will have your kids exclaiming, "Hey, look at this!"

Titled *Animals Real and Imagined, 1450–1981,* the selection will be on display in the downstairs Achenbach Galleries of the California Palace of the Legion of Honor in San Francisco from November 21 through February 7.

The holiday show is geared to children (it's hung slightly low for better viewing), but the sophisticated choices will also appeal to adult showgoers.

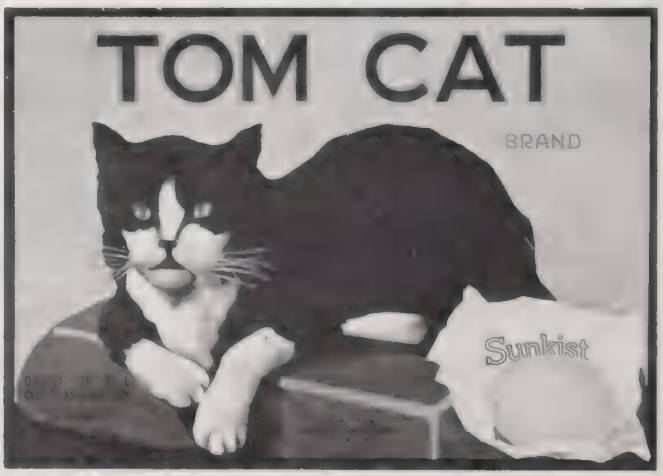
About a hundred prints, paintings, and drawings, some seldom before exhibited, are arranged thematically by animal. Some are meticulous studies in realism; others delve into playful worlds of whimsy. Posted explanatory notes provide interesting background. For example, one 1922 watercolor titled *Costume for the Fox as Cock* is an original design for Igor Stravinsky's burlesque ballet, *Le Renard.*

The exhibit is an engaging study of diversity in style and purpose. Some animal works illustrate moral lessons; others seek to entertain. Some are created simply as art.

In the same gallery you'll see Albrecht Dürer's raging *Beast with Two Horns Like a Lamb,* a woodcut done in 1511, and Walt Disney's playful 1942 celluloid painting of Bambi and Thumper. You can compare Rembrandt's 1643 rendering of a saggy-eyed hog wallowing in the dirt with a 1979 image of a California artist's pet chinchilla.

The Legion of Honor is in Lincoln Park and is open Wednesday through Sunday from 10 to 5 (closed Thanksgiving, Christmas, and New Year's Day). Admission is $1.50 for adults, 50 cents for children under 18 and seniors, free for children under 5. Docent tours for school groups can be arranged by calling (415) 387-2105. □

Flower-prowling tabby *in 1870 etching by Edouard Manet stands in sharp contrast to the cat pictured below*



Lassitudinous cat *on Sunkist orange crate label exemplifies the use of animal art in advertising*

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It's the most complete Alaska cruise and cruise/tour brochure with 88 pages of sailing dates, itineraries, maps, prices and airfare savings – everything you need to know about Alaska.

And it's yours for the asking.

Just mail the reply card, see your travel agent or write Westours direct: 300 Elliott Avenue West, Seattle, WA 98119.

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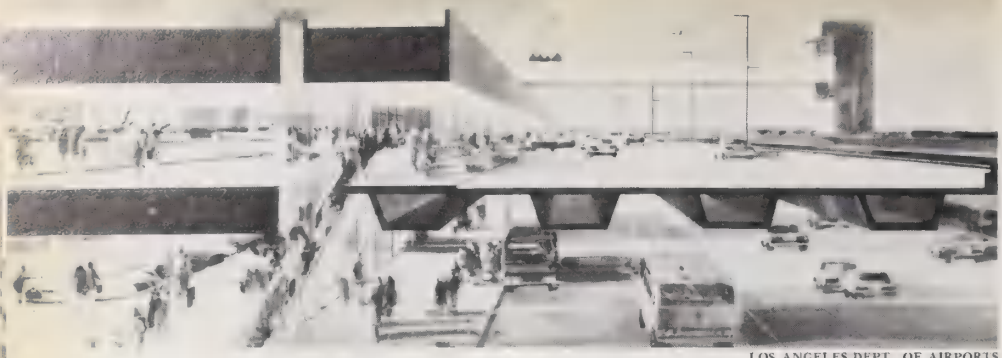


LOS ANGELES DEPT. OF AIRPORTS

Architect's cutaway view *depicts second-level roadway that will separate arriving and departing passengers and let the airport handle 2,000 more cars per hour*

Coping with the LAX hassle

As holiday crowds and remodeling construction intensify this month, the result will be a double headache for motorists trying to maneuver at Los Angeles International Airport, the nation's third busiest. But don't despair of going in or out of LAX—there are many ways to avoid the frustrations of traffic and parking congestion, to get a trip off to an easier start, and maybe even to save money.

There's helpful news on several fronts. There is a new shuttle bus service from West Los Angeles. The range of the airport radio parking and traffic news broadcast has been increased. And to explain what's behind all the inconvenience, the L.A. Department of Airports recently revealed its full plan for revamping the airport, and will soon be publishing new maps and information booklets (they are expected to be out in November).

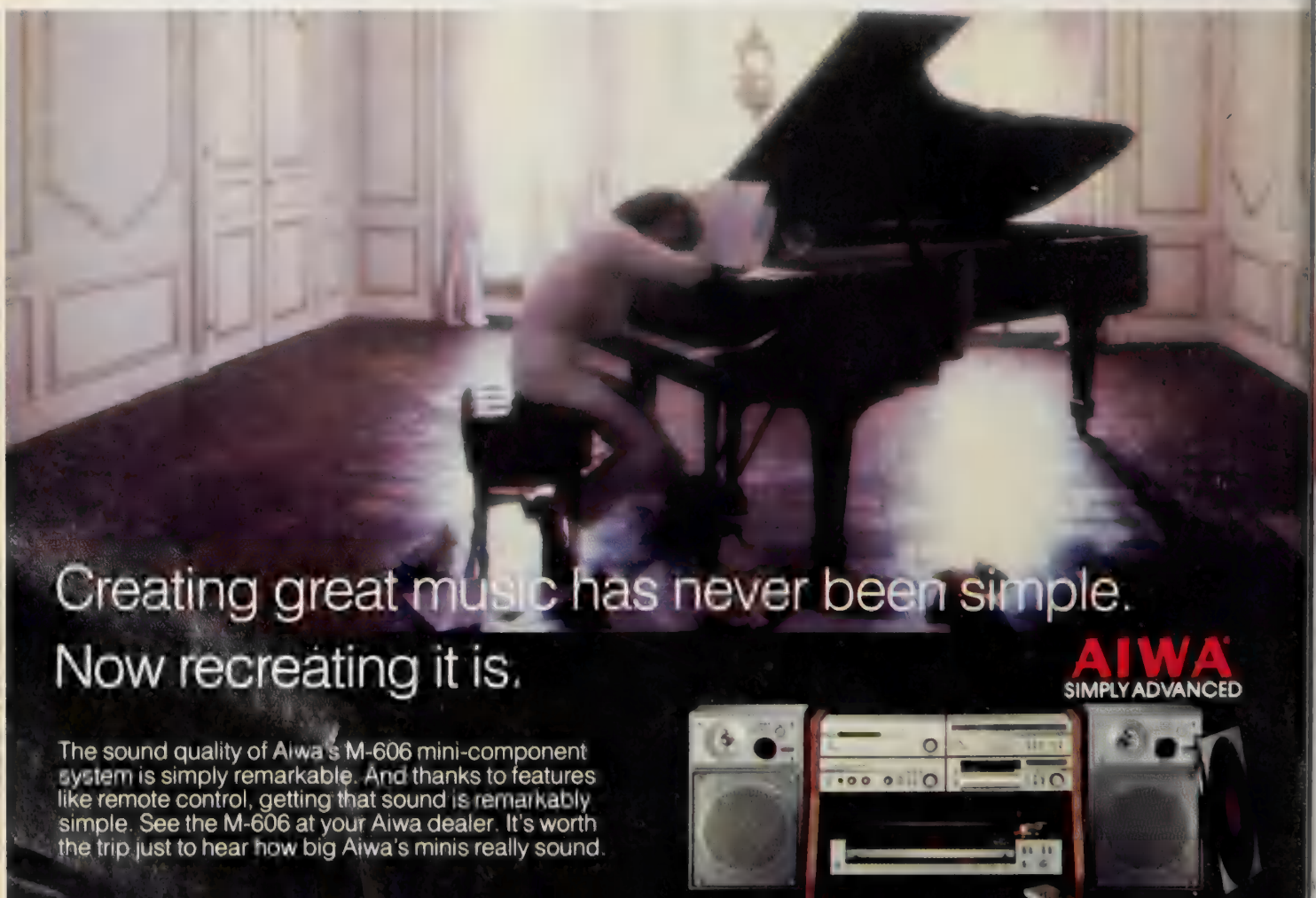
So you can be forearmed as well as forewarned, we also list here the latest information on airport bus services and outlying parking lots.

First, why all the mess?

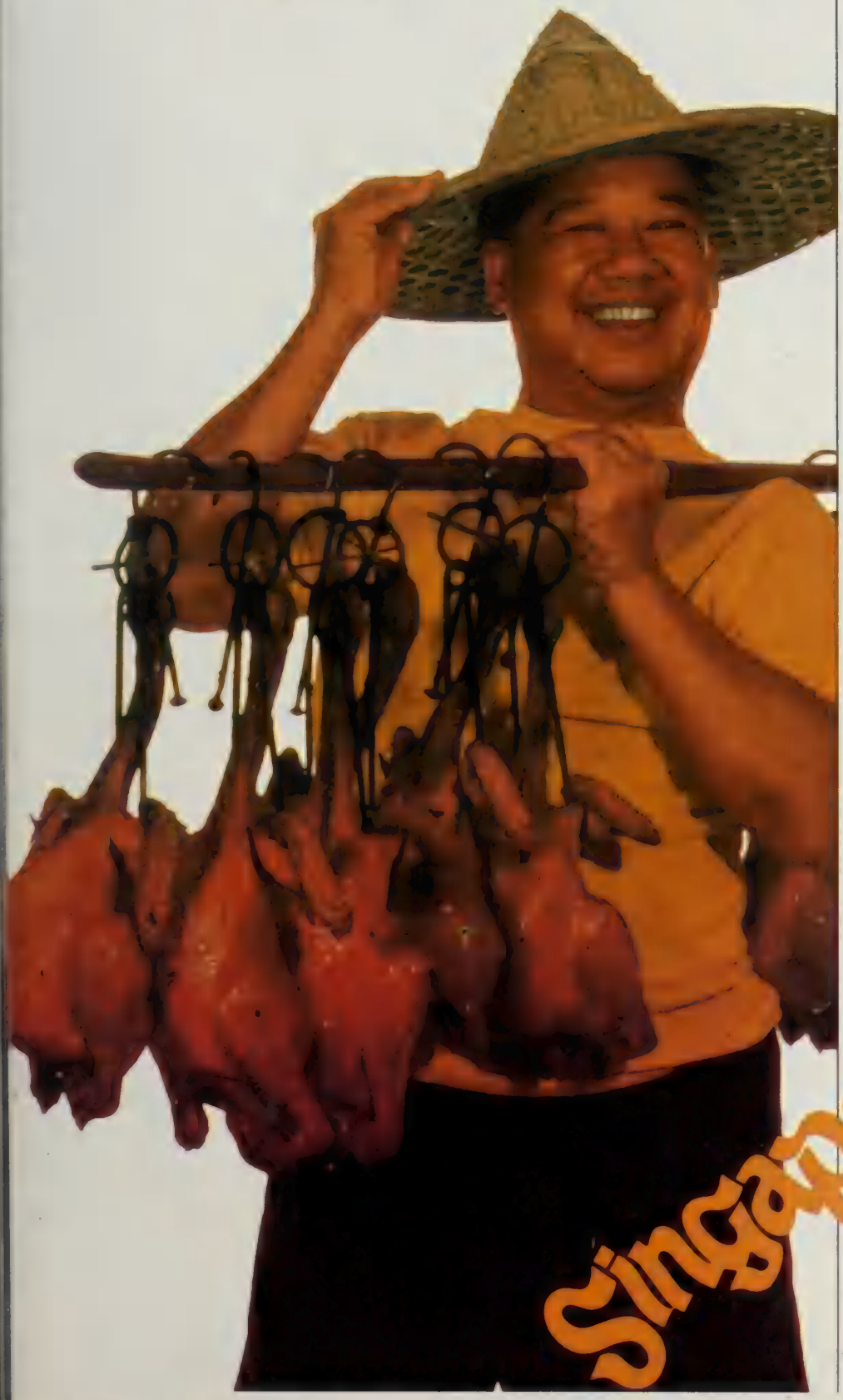
Early 1984—before the Olympic Games—is the projected completion date for the airport's recently announced terminal improvement program. Construction includes a huge new international terminal, a new domestic terminal, a second level for the terminal roadway loop, and an extensive expansion of existing terminals by individual airlines.

This month is when changes will begin to affect travelers: a detour to World Way will zigzag through a section of airport parking. Elsewhere, construction has necessitated moving the Avis, Hertz, and National car rental lots off premises to Airport Boulevard (ticket counters are still in the terminals; at each rental desk, be sure to pick up a new map-brochure with directions for returning cars).

LAX regulars may be frustrated to find frequently used short cuts and alternate routes blocked by construction. To keep up to date on blockages and detours as construction progresses, you can write for a new map that details the planned detours and dates they'll be in effect. It's available, free, from the L.A. Depart-



While most other countries have a national dish, Singapore has fourteen.



Along with their traditions and religions, immigrants from China, Malaysia and India have brought to Singapore, over centuries, the national dishes of their various countries and provinces. Today, Singapore offers visitors a gastronomic tour of some of the world's greatest cuisines, and styles of preparation unchanged for hundreds of years.

Hotels in Singapore, whether you choose the quiet luxury of the colonial era or the sumptuous comfort of contemporary design, offer services as splendid as it was in the days when Somerset Maugham came to stay.

From the stunning simplicity of a fashionable pen or lighter, to the ultra sophistication of the latest hi-fi gear in Singapore you'll find just about anything in the world you're looking for, usually at duty-free prices.

Singapore's tropical climate provides the ideal environment for the lush greenery that covers the island, and a profusion of some of the most delicate and beautiful flowers on earth. Singapore is also a safe city, assuring you a warm welcome from its friendly, courteous people.

Singapore

To: Singapore Tourist Promotion Board
251 Post Street, Suite 308, San Francisco, California 94108 (408) 5068 Or 342 Madison Avenue, Suite 1008, New York, New York 10017

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28 *EPA EST. MPG 44 EST. HWY.

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And throughout this new Lynx, you'll find a very deliberate attention to detail.

The new Lynx five-door.

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1982 LYNX

LINCOLN-MERCURY DIVISION Ford

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Sand Castles

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ment of Airports, Public Relations, 1 World Way, Los Angeles 90009.

Two other free brochures designed to assist airport travelers are also available from the department. One is a newly revised copy of *All About LAX*, scheduled for November publication, that highlights airport facilities and contains maps and diagrams.

The second brochure, *Guide for the Handicapped and Elderly*, carries similar information, with a special focus.

More help on your approach—by radio

The airport's limited-range radio broadcast, which used to reach just the Century Boulevard corridor, has been extended. By the end of this year, the broadcast will carry south of LAX along the San Diego Freeway (I-405) to Rosecrans Avenue and north to the Santa Monica Freeway (I-10). Two large blue signs on the San Diego Freeway will indicate when you're within range of the station. Broadcast hours are 7 A.M. to 11 P.M.

As you approach the airport, turn your car radio to 530 (far left on the AM dial) to receive the latest bulletins on airport traffic and parking conditions as well as updates on the new construction.

Leave your car beyond the fray? Two public lots charge $3 per day . . .

Ten parking lots on the airport fringes offer airport-bound motorists ways to sidestep traffic and parking problems in the central terminal complex, where parking now costs $10 per day.

Two lots managed by the airport provide free tram service about every 15 minutes to and from terminals, with free parking for the first 3 hours. After that, rates are 50 cents for each additional 3 hours, with a $3 maximum for 24 hours. For more information on bus service to and from these lots and on airport parking and fees, call (213) 247-7678.

Lot C on the north side of 96th Street, just east of Sepulveda Boulevard, also offers a standby van equipped with hydraulic wheelchair lift. For return shuttle to Lot C, handicapped passengers should call (213) 646-6402.

VSP lot on 111th Street between Aviation and La Cienega boulevards has a south entrance from 111th and an east entrance from La Cienega.

. . . while eight privately owned lots charge $2 to $5.50 per day

These eight lots on the airport's perimeter also offer free transportation to and from airline terminals.

Airways Airport Parking, 6101 W. 98th Street (also has 96th Street entrance), 1½ blocks east of Sepulveda Boulevard; $2.75 a day.

Auto Air Porter (indoor parking), 2222 E. Imperial Highway in Kilroy Center; $5.50 a day, $33 a week, $99 a month.

Car Barn (indoor parking), 5757 W. Century Boulevard; $5.25 a day.
General Airport Parking, W. 92nd Street, just west of Sepulveda; $4 a day.
Imperial Airport Parking, east side of Aviation Boulevard at Imperial Highway; $2 a day.
Marriott Hotel (indoor parking), 5585 W. Century Boulevard at Airport Boulevard; $4.50 a day.
Sheraton-Plaza La Reina (indoor parking), 6101 W. Century Boulevard; $5 a day.
Valet Air Park, 96th Street at Sepulveda Boulevard; $5 a day, $28 a week.

Or leave the driving to someone else

With some advance planning, you can eliminate wear and tear and the cost of parking too.

Here we list the buses serving LAX from Los Angeles, Orange, and Ventura counties. Fares given are one way. Call the numbers listed for schedules as well as pickup points; don't forget to ask when and where to meet the same bus on your return.

Airport Service: frequent buses from downtown Los Angeles, Hollywood, Beverly Hills, Westwood, Sherman Oaks, Disneyland, Orange County Airport, Long Beach, Pasadena, Arcadia, and Monrovia; $3.65 to $9; (213) 723-4636 or (714) 776-9210.

Antelope Valley Bus: weekday morning trips to LAX from Newhall, Palmdale, and Lancaster and return trips in evening; $6 to $12; (213) 365-8555 or (805) 948-8421.

Crown Airport Commuter: van service makes six trips daily from Glendale-Burbank airport; $7; (213) 245-0937.

Culver City Municipal Bus Lines: frequent service from Westchester, Culver City, and West Los Angeles; 35 cents; (213) 559-8310.

FlyAway Bus Service: frequent park-and-ride bus runs nonstop between Van Nuys Bus Terminal, 7610 Woodley Avenue at Saticoy Street, and LAX. Fare: $4; children 2 to 12, $2. Parking at Van Nuys terminal costs $1; there's a 15-day limit. Call (213) 994-5554 or 781-5554.

Great American Stage Line: 18 trips daily from Camarillo, Thousand Oaks, Westlake Village, Oxnard, Ventura, and Woodland Hills; $5 to $12; (805) 499-1995 or (800) 322-1811.

Norwalk Transit: six trips daily from Bellflower, Norwalk, and Whittier; $5.50; (213) 863-7077.

Rapid Transit District: seven RTD lines connect with minibus #608 for the airport: downtown #607; Westwood and Van Nuys #88; El Segundo and Del Amo #834; Inglewood, Redondo Beach, and Palos Verdes #869; South Bay cities #871; Hollywood and Culver City #220; Long Beach #232. Fares vary from 85 cents to $2.05; exact change required. For information, call (213) 626-4455, or (800) 252-9040 for the hearing impaired.

Santa Monica City Bus: frequent service to Santa Monica and UCLA; 35 cents; (213) 451-5445.

Santa Monica Flight Line: van service makes several trips daily between LAX and Santa Monica hotels, $6; (213) 393-9231.

West Los Angeles FlyAway: this new service leaves frequently from a shuttle lot at 1401 S. Sepulveda Boulevard (just south of Wilshire Boulevard); parking is limited to 2 hours, so you'll need to be dropped off. Fare is $3 ($1.50 for children 2 to 12); (213) 477-4903. □

Gastronomique

You'll find so many outdoor bistros and cafés you'll think you're in Europe. Sip a glass of wine and do a little people-watching. Dine out and enjoy the view. There's so much to go for in Canada.

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For information write Tourisme Québec, Québec, Canada G1K 7X2.

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An elegant collection of seven, slim-stemmed candlesticks. Each is polished-to-perfection brass - from a sleek tallow cup to a 3" circular base — they range in height from 2¾" to 9". Create a variety of arrangements, always in perfect taste, for any occasion. Line them up . . . cluster them . . . let them gleam from your mantle or table. Set of seven candlesticks, #1335, $24.95 (includes postage & handling)

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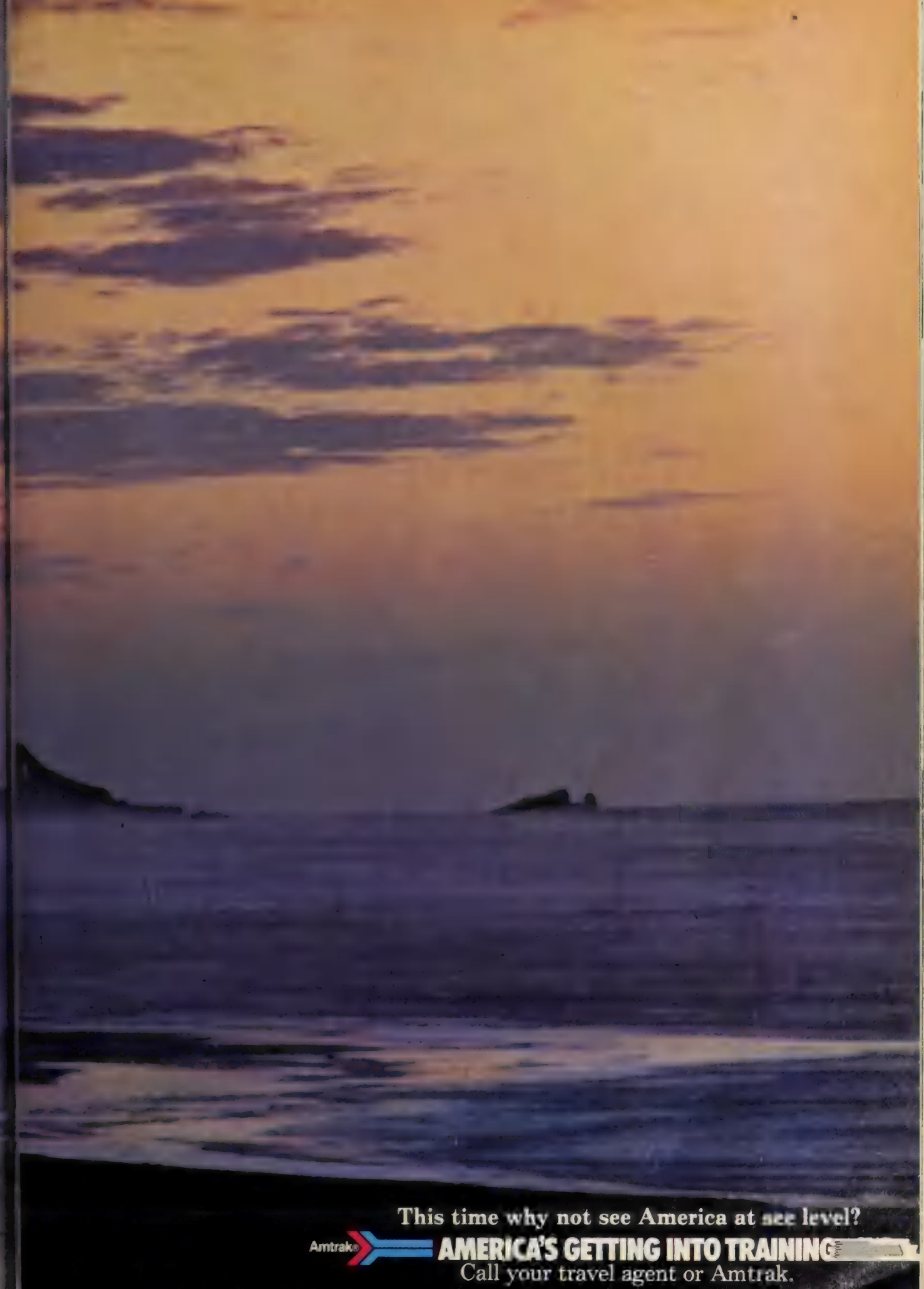
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AMERICA'S GETTING INTO TRAINING
Call your travel agent or Amtrak.

Delicious, giant cashews and gourmet mixed nuts. Just what the holidays ordered.

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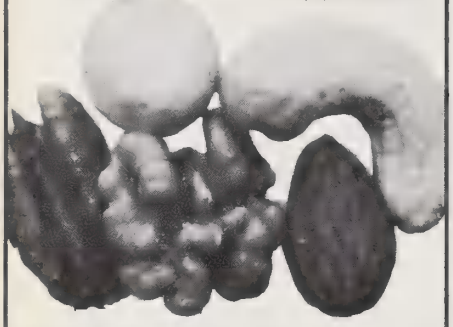

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11-13-4

Air, car, bus, train to Michoacán from Mexico City, Guadalajara

Visitors to the Mexican state of Michoacán (read about its attractions in the article starting on page 92) have a variety of transportation choices from Mexico City or Guadalajara. You can drive a rental car, sink back in a reclining bus seat, try your luck with an off-and-on air service, or bunk in a railroad-car dormitory and—in a scene from the Marx Brothers—dress behind a blackout curtain while standing in the corridor.

Consider the trip an adventure. That's easier to do when you allow plenty of time, especially when heading back to Mexico City or Guadalajara for your flight home. Coming from Michoacán to the Mexico City airport, you have to cross the metropolis and contend with its four-a-day rush hours. Once in sight of the terminal, you'll encounter a final snarl created by excavation for the new airport subway station. Getting to the Guadalajara airport is a more relaxed affair: the city is smaller and the airport is on the Michoacán side of town.

Air service into Morelia, the capital of the state, has been an uncertain proposition. At present, Aerolinea Republica offers a daily round trip on a 44-passenger craft from Mexico City. Flight #351 departs at 6:30 A.M., arriving in Morelia about an hour later. Return flight #352 takes off from Morelia at 11 and comes back to Mexico City about noon. The trip costs $37 one way. By direct-dialing (905) 566-5177 in Mexico City, you can talk to an English-speaking agent of the airline.

Work progresses on the new Morelia airport; it's scheduled to open later this year, but 1983 looks more realistic.

Automobile driving, except near major cities, is on two-lane paved roads of the sort you'd find in a hilly, rural area at home. But there are some difficulties. Expect to encounter road work in progress, changes in grade while crossing railroad tracks, and animals walking or lounging on the roadway. Do not expect to find a shoulder at the edge of the road, or accurate maps.

Trucks and local buses are an annoyance. They crawl up the grades. The dilemma is whether to creep behind, well back from the diesel fumes, or to hold your breath and hope for adequate passing space. But any annoyance is forgiven when you drive up to the PEMEX station (the nationalized gas monopoly) and figure that the cost for *Nova* gas (regular) comes to less than 50 cents a gallon.

A fleet of radio-equipped automotive repair shops on wheels cruises the major routes in Michoacán and throughout the country to help any motorist with car trouble. Drivers are supposed to speak English, work free except for gasoline and parts, and cover their assigned route twice daily between 8 A.M. and 9 P.M.

For the fly-drive visitor, cars driven between Mexico City and Guadalajara can be dropped off with no extra charge. The major rental companies have Mexican agencies; before leaving home, you can reserve a car at rates comparable to those in the U.S. Your auto insurance probably doesn't cover you in Mexico, but the rental agency can sell you insurance for the days you need it.

Buses are the backbone of the passenger transportation system in Michoacán and elsewhere in Mexico. First-class deluxe coaches with reclining seats, reserved space, and air conditioning are as comfortable as any U.S. buses.

Service from Mexico City and Guadalajara departs for Michoacán every few hours. From Guadalajara it's 5 hours to Uruapan, 2 more hours to Pátzcuaro, an additional 3 hours to Morelia, and 6 hours on to Mexico City. You'll have to transfer in Pátzcuaro. Total cost for the first-class journey comes to about $18. Tres Estrellas de Oro (Three Gold Stars) bus line makes the run.

Neither Mexican buses nor railroads pay a commission, so if you have a travel agent book space for you, there probably will be an additional charge.

Trains, for the most part, look old enough to have carried Pancho Villa and his raiders north to the border. For a rail buff, that's reason enough for a ride. Ferrocarriles Nacionales serves Michoacán from Mexico City (no trains from Guadalajara). In either direction, it's an overnight trip.

Leaving Mexico City at 9:30 P.M., the train is scheduled to pull into Morelia at 6:30, Pátzcuaro at 7:30, Uruapan at 9:30 A.M. In the other direction, the train heads out of Uruapan at 7:15 P.M., Pátzcuaro at 9:30, Morelia at 11, getting into Mexico City by 8 the next morning. Sample fares: a bunk bed in the corridor (ask for a *cama*) runs about $10 from Morelia to Mexico City; a roomette (*camarin*) on the same route costs an additional $3. If you call (905) 547-8971 in Mexico City, an English-speaking agent will give you any schedule changes and current fares. ◻

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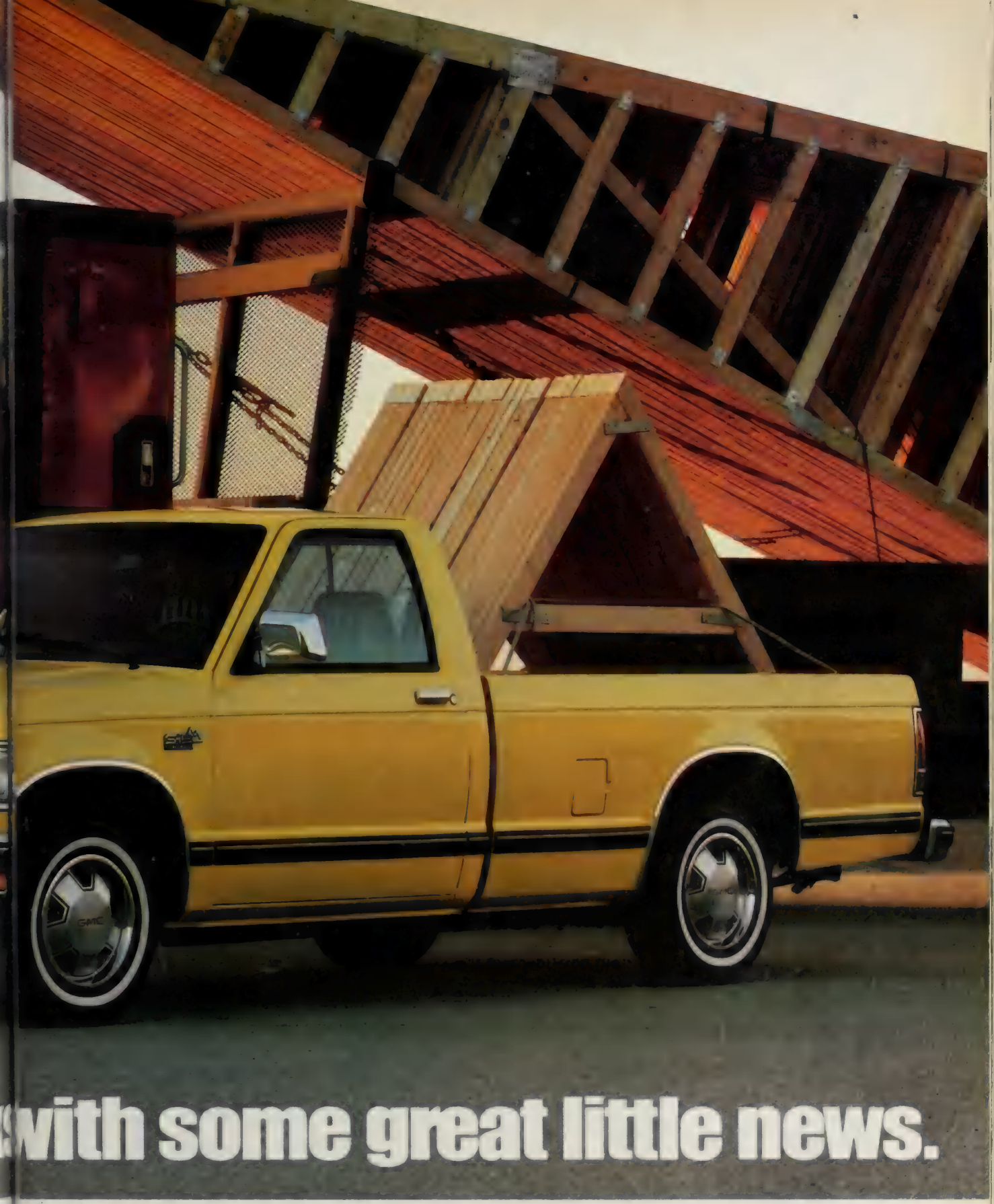

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ghted against the dusk *are two ces of Michoacán power: the vernor's palace, where fredo Zalce's history murals blazon the courtyard, and ming behind it across the eet, the cathedral's bell tower*

Michoacán

Midway between Mexico City and Guadalajara, it's still just enough off the tourist track. It offers colonial architecture, folk art, jungle-to-volcano, bougainvillea-to-pines, maybe even bargains

In the morning in Mexico City or Guadalajara, when you hear the traffic and see the smoke-gray sky from your hotel bed and your feet still ache from yesterday's sightseeing: that's the time to head for Michoacán. This Mexican state, several hours' drive from either of those two big cities, can be a change-of-pace side trip for several days or a destination on its own.

You'll find more than enough arched walkways, adobe walls, bougainvillea, pine forests, and blue lakes to know you're in Mexico and a slow enough pace to feel as if you're on vacation. Another lure: hotel rates here seem like holdovers from 1976.

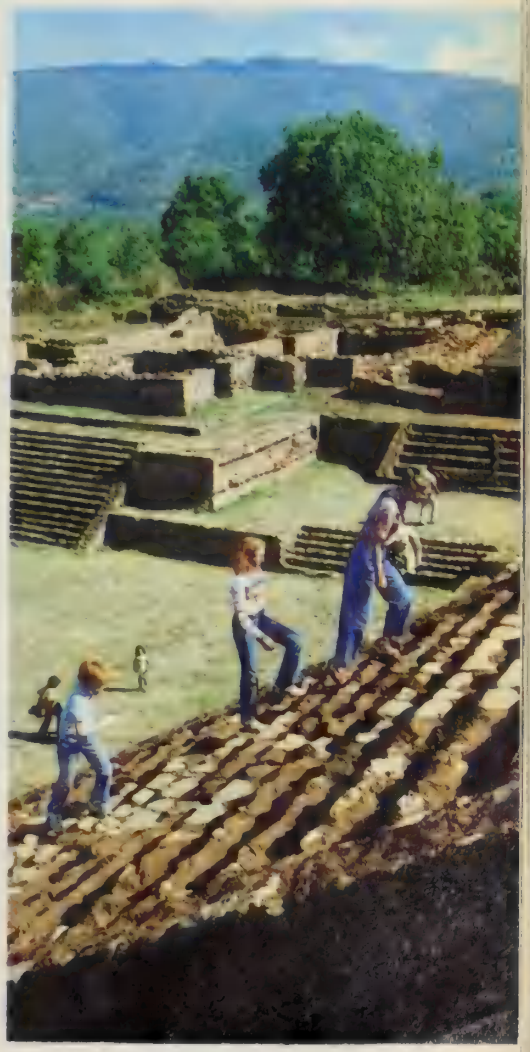
The three cities best prepared for visitors are about an hour's drive apart. Capital of Michoacán is Morelia, where some of the pink-tinged stone buildings were into their second century when Father Junipero Serra laid the adobe cornerstone of the first California mission.

To the southwest, Pátzcuaro is a craft center of the indomitable Tarascan Indians, whose empire withstood all assaults by the Aztecs and who choose to follow customs that set them apart.

Deep into Michoacán, the city of Uruapan, poised between pine forest and the coffee *fincas,* was once too busy serving the farmers to care about visitors who would enjoy the salubrious weather. Now that's changed with the construction of several resorts.

You don't have to rough it in Michoacán: brush your teeth with soda pop, learn the translation of *La Cucaracha,* or choose between starvation and pig parts found on the menu but not in your pocket English-Spanish dictionary. Instead, you'll find clean, comfortably civilized accommodations unspoiled by gringo-aimed affectations, and restau-

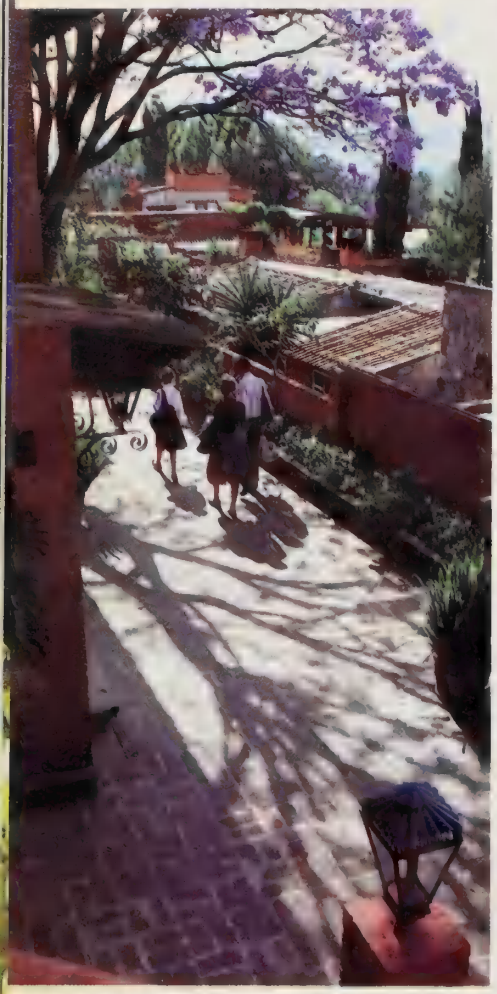
Explosive *folk art: a match can blow papier-mâché Judas-devil to hell in a swirl of sparks*



Reclaimed *from an avocado grove, prehistoric city is coming to light at Tingambato near Uruapan*

Where once the viceroy *rolled home in his carriage, diners enjoy lunch in the courtyard of 237-year-old palace, now Hotel Virrey de Mendoza, in Morelia*

Hillside retreat *of 65 pink cottages snuggled into garden overlooking Morelia is home base for guests at Villa Montaña*

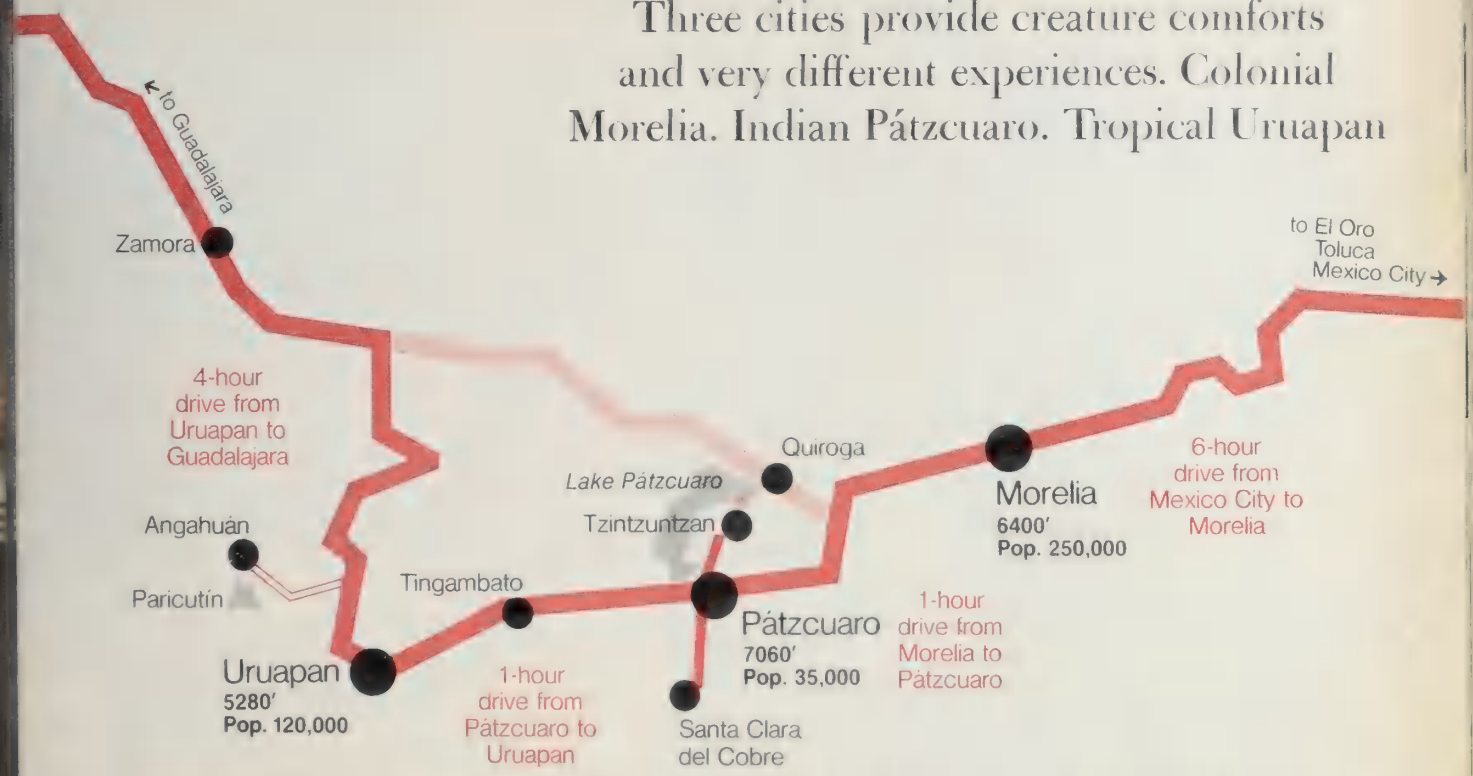


Fresh-water delicacy, *the little pescado blanco is scooped from Lake Pátzcuaro, sizzled with garlic, rushed to your table*

GLENN CHRISTIANSEN

Bougainvillea *blazes poolside at Pie de la Sierra resort motel in Uruapan*

Three cities provide creature comforts and very different experiences. Colonial Morelia. Indian Pátzcuaro. Tropical Uruapan



rants that make the most of Michoacán's culinary heritage.

Most of your fellow travelers will be Mexican, although a few north-of-the-border groups offer a "colonial loop" that includes San Miguel de Allende and Guanajuato, swinging south to Pátzcuaro and Morelia, then back to either Mexico City or Guadalajara.

If you're traveling on your own, you may want to choose one location as a base, then branch out on day trips. For details on getting to and around Michoacán, see page 88.

Creature comforts

Hotels are small (the largest A-rated one has 89 rooms) and of the Spanish Colonial era or style. Most rooms have television and telephone, and the plumbing is of current vintage. Here is a sampling of good places to stay that you might not hear about otherwise; rates are per night, based on double occupancy. In addition there is a 10 percent tax.

Morelia offers two good locations for travelers. In the colonial heart of the city are two hotels constructed in the 1700s: the Hotel Virrey de Mendoza ($35), across from the Plaza de Armas; and on Zaragoza, the somewhat quieter Soledad ($35), where meals are served beside an open-air courtyard.

Or stay 2 miles south of the center of town in the Santa Maria Hills in what may be the best small hotel in Mexico—Villa Montaña. Its antique-furnished cottages, no two alike, ramble up a hillside garden. No children under 12 are allowed here. The price ($90 to $105) includes all meals, which are lightly seasoned and beautifully presented on table settings of locally crafted items. Nonguests can also make dining reservations.

The center of little Pátzcuaro is quieter than Morelia. Close-in options include the 12-room Posada de la Basílica ($25) or one of several hotels around the vast, quiet Plaza Mayor (also called Vasco de Quiroga). Best-known resort is Posada de Don Vasco ($44) on the highway to Morelia.

In Uruapan, resorts are the accommodation news. Mansión del Cupatitzio ($25) backs right up to a national park. Up behind town, the Motel Pie de la Sierra ($30) has splendid views of the distant hills. The hotels near the plaza are of the no-frills, businessman variety.

In most cases, hotels have the best restaurants. However, don't be timid about striking out on your own. The five people involved in preparing this article ate a total of 153 meals in Michoacán without any ill effects.

Whether you're dining in a courtyard in Morelia, by a crackling fire in Pátzcuaro, or overlooking the pool in Uruapan, you're apt to find one menu item in common—delicious *pescado blanco*. If anything else appeals, order it, for particularly in Pátzcuaro fish may be just about the only entrée offered.

Tarascan soup will also become familiar. It's a dark broth afloat with once-crisp tortilla chips topped with grated cheese, sour cream, and a red pepper garnish that's lethally *picante*.

Fresh orange juice *and morning light on the tile rooftops of Pátzcuaro start the day at Posada de la Basílica*

Morelia: architectural showcase

From across the valley, Morelia's church spires rise above the rest of the rooftops. Even from a distance, the great twin-towered cathedral dominates the town, rising some 140 feet above the streets. New buildings surround the city, but when the highway from Mexico City passes beneath the old stone aqueduct, Morelia turns into a remarkably intact Spanish colonial city, much of it dating from the 17th and 18th centuries.

The ancient rock walls, even those spattered with student sloganeering, give Morelia an air of permanence. Its music remains the classic guitar of Spain, not the blaring mariachi of Mexico. At night, the

Three hundred year

In this one block, you see a record of architectural tastes. Far right section, in the e r-liest so-called Morelian baroque, shows moderation, restraint; rain spouts, unsupported balcony, and projection above door

MORELIA

Remarkably intact Spanish colonial city. On foot you discover architecture, go back centuries

Guardamalletas—*hangings like drapery trim—droop from principal façade around cathedral's main doors*

streets quiet early: as elsewhere in Michoacán, it's hard to get a meal after 9:30 P.M. Here Thursday and Sunday evening band concerts qualify as nightlife. For the traveler, Morelia's rewards are its rich cultural life and stately sense of history.

The city's founders were a sober-minded lot: the brethren of assorted religious orders, wealthy landowners-turned-bankers, and schoolmasters from San Nicolas College, which moved here from Pátzcuaro in 1580. They built conservative, underdecorated, but elegant stone structures in the style called *barroco* (baroque). Ornamentation is restrained compared to the exuberant styles in quick-rich mining cities like Puebla, Querétaro, and Zacatecas, where façades were dramatized with intricate light and shadow relief (*claroscuro*) and heavily applied decoration (*plateresco*).

In 1810 the old order changed. As Mexico started its break from Spain, the building style adapted from the mother country lost favor. Instead, the new republic looked to Greece and Rome for inspiration. Order, balance, and proportion dominated, and so neoclassic came into vogue for the next 50 years.

By the late 1800s, architects began following the lead of Porfirio Díaz, Mexico's seemingly perennial president, who loved the comfort and style of things French. Once more façades were redesigned so that the hard stone yielded to elegant detailing around windows and eaves. At the same time, nostalgia for Spain prompted the revival of baroque detailing.

Today, the baroque dominates downtown buildings, including the cathedral façade, where you'll find many details that are echoed in structures around the city. To see how design trends evolved, just turn around and look across Madero to the block of buildings shown at the top of this page. Their baroque first-floor arches (except for those at far left) remained unchanged while the second stories were remodeled. It's probable that all of the second stories started out looking like the one on the far right.

Another good example of the different styles is at the southwest corner of the plaza across Allende and Abasolo, where you'll see French influence in the Palace of Justice, baroque in the Museum of Michoacán, and neoclassic above the pharmacy.

Unfortunately, not much literature is available in Morelia dealing with architecture. All we could find was a mimeographed sheet in Spanish at the tourist office two blocks west of the cathedral in the Palacio de Clavijero on Nigromante. This is also a place to inquire about bus tours of the city.

You can however, walk through the flat, historic central area to many of the sights and sharpen your architectural acumen as you go. From the tourist office, proceed a block farther on Madero and turn right onto Gomez Farias and the Mercado de Dulces y Artesanias. Here you'll discover why Morelia has quite a reputation among confectioners. Caramels with nuts and sugar-sprinkled gelatins called *ates* seem to be the favorites.

Continue on to Tapia, which runs parallel with Madero, and come back one block. On the left is Las Rosas, the oldest music school on the continent, and on the right is a pretty park with a foun-

changing architectural styles all along one block across from the cathedral

give light-and-shadow effect on plain façade. First-floor arches, except the three at far left, remain from this period; upper stories were remodeled.

Era of Mexican independence in early 19th century brought neoclassic style (left photograph), shown in pilasters resembling Doric columns and in temple-style entablature.

Porfirio Díaz favored French design (third photograph), reflected in balustrades on roof, refined detailing, and graceful window treatment.

Finally, in the late 19th century, neobaroque (second photograph) revived original trend, but with bolder, more ornate decoration.

Double arch *missing a column is trademark of Morelian baroque courtyards*

Leisurely *half-day walk shown by broken line on map leads past key buildings of Morelia's past and present—including the Palace of Justice, where a mural (below) by Augustín Cárdenas commemorates an early constitution of Mexico*

tain, trees, and benches where you can share your candy with the omnivorous pigeons.

Three blocks ahead and one-plus block to the left on Morelos is the lively Casa de la Cultura. From the quiet arts of painting and pantomime to foot-stomping dances of the tropics, the arts of the state are nourished here. You're welcome to observe.

Continue three blocks farther east and then cross Madero, going another block to the Casa de Artesanias. Inside, regional crafts are sold in a ground floor show room. Upstairs are special exhibits, craftsmen, and offices where you can find someone who speaks English. The Casa has a monthly list (in Spanish) of Morelia's cultural events; look also in the Monday morning *Voz* newspaper and watch for posters on walls.

From the Casa de Artesanias, go four blocks west back to the cathedral.

Pátzcuaro: a mountain town and a 13-mile-long lake

The highway climbs up to Pátzcuaro, where the approaching roadway is edged

It's not yet 8 A.M. *when the still-dripping silvery catch comes to Pátzcuaro market tied with lake reeds. Ivory-tone plates drawn in brown come from nearby Tzintzuntzan*

and narrowed by giant eucalyptus, a welcome shape and scent for arriving Californians—and a relief from the gauntlet of auto repairs and spare tires found on the approaches to other cities. Before you really see Pátzcuaro, you're there.

Pátzcuaro is a mountain town, an austere, reserved, religious, melancholy place that has stubbornly stayed in a quiet eddy apart from mainstream Mexico. Streets are cobbled, some very steep. Roof lines of houses sweep out above the sidewalk and end in carved beams. Walls are whitewashed, and the bottom several feet are painted earth red right down to the sidewalk.

For your first impression of the town, park by the Plaza Grande, bigger than even its name suggests. Its immaculate green lawn and massive shade trees somehow recall a New England common. Spanish nobility lived in the 16th-century buildings that encircle the park. Some are still dwellings, others have been converted to hotels and shops. Here you can buy embroidery, masks, ceramics, unpainted pine furniture, silvery fish and fishermen necklaces, pins, and earrings. (Some of the same items are sold at the Tarascan market, two blocks north, which is most active on Fridays.) Some Pátzcuaro businesses snooze through the customary 2-to-4 siesta and remain shuttered until 5.

Across a little plaza from the market is the Biblioteca Publica, with a huge mural by Juan O'Gorman filling one wall. It depicts this land from dinosaur times to the 1910 revolution. To one side, a plaque in Spanish leads you through the eons.

Head south across little Plaza Bocanegra, then walk two blocks east to the basilica, one of the town's venerable churches.

A block south of the basilica is the old site of San Nicolas College, founded more than 400 years ago. It later moved to Morelia, and the building now houses a museum of folk art, examples of old crafts, and a charming patio garden.

Another block south is La Compañía, the oldest church in Michoacán, built less than 50 years after Columbus's first voyage. In the drafty, bleak sanctuary, it's easy to imagine the harsh life endured by forebears of today's residents.

If you are ready for a sweet, look across the street for Joaquinita's Chocolate Supremo. She sells wafers of gritty, cinnamony chocolate to be used half at a time for a cup of hot chocolate—or, as we did, to eat like a chocolate bar. You can purchase both sweet and bittersweet.

A block south of La Compañía, head west to the House of 11 Patios, where craftsmen's studios and shops occupy the cells and oratories of an old convent. There's a tourist office here, but—at least on the several visits we made—no one who speaks English.

Waterfront Pátzcuaro is 2½ miles downhill; follow the *muelle* (pier) signs. Restaurants, vendors, and stands under awnings all sell fish to eat by the lakeside. This is also the boat dock for other shoreline towns and the island villages that dot vast, shallow Lake Pátzcuaro.

This month the principal island of Janitzio holds one of the most famous festivals in the republic. On November 1, Night of the Dead, Tarascan residents bearing food, candles, marigolds, and embroidered tablecloths assemble in the hillside cemetery to sing and celebrate the night away in honor of the deceased. The observance takes place throughout Mexico, but the island setting helps make this the most famous observance.

Hotels are reserved far in advance for this occasion. If you want to attend this year's event, it would be best to call a Mexican Government Tourism office to inquire about last-minute space available on any tour. For this and any other information, write or call the nearest office: Beverly Hills, Denver, San Diego, San Francisco, Tucson.

All public and chartered ferry rates are posted in pesos (no haggling). A round-trip ticket to Janitzio on the public boat costs $1. You can also charter a boat for a party of up to 10 people for a total of $8, including an hour's stay in Janitzio and a side trip to photograph fishermen dipping their butterfly-shaped nets for pescado blanco and tourist pesos.

As a short detour from Pátzcuaro, you could go to Tzintzuntzan (Tarascan for hummingbird) about 7 miles by car back in the direction of Morelia. This small village was once capital of the Tarascan empire. Today visitors go for the crafts—especially pottery and weaving of

Battery assist *helps the faithful recall responses during Holy Week procession*

straw and reeds—that are sold so close to the highway it's practically drive-up shopping. The Yacatas ruins aren't very imposing but offer a sweeping lake view.

Uruapan: tropical lushness, handcrafted lacquerware, lava-bed ruins

The highways from Pátzcuaro and Guadalajara drop down into Uruapan. The land keeps tilting through town and beyond to the streamy jungle where torrential rivers cascade unseen into the Pacific. Mile-high Uruapan is practically the same elevation of Guadalajara, but the jungle just down the hill gives the

PÁTZCUARO

Mountain town on a vast, shallow lake. Fish, pottery, weaving come to market

Shopping's not limited *to plaza market. On holidays, craftsmen sell their wares in front of the basilica (below left), while backstrap weaving and copper from nearby Santa Clara fill House of 11 Patios (right), a converted Dominican convent*

GLENN CHRISTIANSEN

Bakers modify *the shape of bolillos (rolls), but they don't tamper with the crusty, chewy taste*

town a tropical allure, and Ruiz national park brings the lushness right into town.

Parque Nacional Eduardo Ruiz is reason enough for a Uruapan visit. Along both banks of Río Cupatitzio ("the river that laughs") is a garden of Brobdingnagian tropical plants that block out the sun overhead. Little bridges cross and recross streamlets and booming falls.

You probably could walk the park in an hour, but restaurants, picnic sites, and benches encourage lingering. We recommend spending more time here in lieu

GLENN CHRISTIANSEN

Breezy hats, *expertly woven from palm, sell in front of crafts museum and shop*

In less than a mile *the Cupatitzio River is born, falls in cascading sheets, then alternately rushes and pauses along its course through a lush and immaculate urban park*

of a visit to Tzaráracua Falls, 7 miles south along the same river. It's a steep ½-mile walk to the base of the falls and, unlike well-maintained Parque Ruiz, the trail is unsightly with litter.

Ten blocks east of the park is the main plaza, which has a tidy and prosperous look. Contemporary structures have joined the mix of buildings around the plaza, evidence that Uruapan, while equally ancient, is less inhibited by its past than either Morelia or Pátzcuaro.

Southeast of the plaza at Cinco de Febrero 17, the tourist office dispenses information in English.

Uruapan's daily market runs along Constitución, starting at Calzada Benito Juárez, the principal east-west route through town, and ending at the plaza. To stroll downhill through the market, take a cab up to Juárez. The market is freshest and coolest first thing in the morning.

A block before you arrive back at the plaza, turn right into the crafts market. It's busiest on Sunday, with an even wider selection during Holy Week, when the offerings overflow to cover the entire plaza as well. Uruapan is best known for lacquerware—gourds, trays, small boxes, wooden chests. In the same block is the Antojitos market, with stalls of ready-to-eat hot food such as *carnitas*, crispy barbecued pork, which is a local specialty.

La Guatapera, the white building next to the crafts market, was a hospital built for the Indians in the 16th century. In the front room, examples of Michoacán crafts are for sale. Other rooms off the patio display fine examples of older work. Another good place to see crafts is on the ground floor of the Hotel Mansión del Cupatitzio. A workshop with vibrantly hued fabrics and weavings is up the hill at the studio of Walter and Bundy Illsley at Juan Delgado 55. Exactingly detailed dolls in fiesta finery are the work of Martha Morales, who sells from her home at Cupatitzio 104.

It's a short side trip to the lava fields created by the volcano Paricutín, which burst up from a farmer's field in the 1940s, forcing the villagers of nearby San Juan Parangaricutiro to evacuate their town. The lava engulfed everything but the second floor and tower of the church, congealing around the still-standing edifice. Rechristened San Juan Nuevo, the town was rebuilt 12 miles from Uruapan. Nation-wide contributions funded a grand new church, with a diorama of the volcano and San Juan alongside.

To visit the church in the lava, drive north from Uruapan for about 10 miles and then 15 miles west on a dirt road into Angahuan. There you'll probably be flagged down by touts for the horse stable. If not, drive on through town, and just before the road has been blocked, turn in to the left.

You can walk to the church in about 45 minutes one way (though the horsemen will try to dissuade you). Or ride to the site for 40 pesos per hour, about $1.65 (the tourist board-approved rate at press time). You scramble on foot the last 100 yards to the stone ruin. You could also continue on to the volcano, but it doesn't appear to be much different from the many other volcanoes (some of them active) in the region.

In the opposite direction just off the road between Uruapan and Pátzcuaro is an important archeological dig. A ball court and pyramid have been exhumed, and work continues. Little is known about the inhabitants, who predated the Aztecs. From Uruapan take the first right after the Tingambato town limits sign. Pass the plaza and go beneath a new bridge; just past the school, turn right into the parking lot. The site is open 10 to 5 Wednesdays through Sundays; there is no charge to visit. □

Exotic choices *in the fruit markets: 1. Maméy—honeyed sweet potato taste. 2. Granada—sweet and slippery, with crunchy seeds. 3. Limón—juicy Mexican lime. 4. Guayaba—guava, pear-quince taste. 5. Ciruela—juicy, sticky, unpeelable plum. 6. Cocollules—nutty, dry. 7. Caña de azúcar—fibrous, moist sugar cane. At right, top-lopped coconut is roadside milk shake for two*

GLENN CHRISTIANSEN

Lava-bed trail *leads toward the culprit, volcano El Paricutín, and a church buried up to its second story but still standing after eruptions in the 1940s*

URUAPAN

Fruit and a jungle-park tells you it's tropical. Lava leads you to the church and volcano

NORMAN A. PLATE

Colorful vests *stand out on the slopes. Diamonds are machine-appliquéd onto green vest; grosgrain ribbon decorates yellow band on blue ve*

JERRY FREDRICK

)ne piece *makes up vest shell. Pin and stitch 'ppliqués in place, then add stuffing, lining*

Warm-up vests

How warm depends on the filling. How much fun depends on how you decorate. One-piece pattern, easy to make for Christmas

'uffy, batting-filled vests like these are ɔose fitting and comfortable and can elp keep winter's chill away. The one-iece pattern simplifies cutting and sew-ıg; you decorate the outside with appli-ués, ribbons, or color bands, then add tuffing and lining.

ın experienced sewer can make a vest ı several hours. Each costs about $20.

;right-colored cotton-polyester blends nade a vest suitable for mild days on the lopes or for casual winter wear. For old-weather use, consider more wind-esistant and water-repellent nylon taf-eta. Several types of special synthetic lls for outerwear could add to the /armth; for sources, try fabric stores or utdoor or sporting goods shops.

'hat you'll need to make ■ vest

uy 45-inch-wide fabric in quantities sted on the chart below. Choose bright, ɔlid colors for the vest shell and match-ıg printed fabric for the lining. Also uy matching thread, polyester batting bout ¼ inch thick in the same quan-ty as the vest fabric, five snap fasteners ize 24), and a snap-fastening punch (if you don't have one). The right column of the chart lists quantities for optional contrasting color bands.

Scale up the pattern to desired size on paper. The pattern includes a ½-inch seam allowance.

Place pattern on right side of vest fabric and cut out; repeat for lining and batting. (For small to medium sizes, place vest across the width of the fabric; for larger sizes, place pattern on its length.)

Contrasting color bands or appliqué

Cut out fabric strips to sizes indicated on pattern, plus ½ inch all around for seam allowance. With right sides together, stitch color bands together. Open seams and iron flat; also iron top and bottom edges under ½ inch. Pin and stitch bands to right side of outside vest piece. Stitch any other decorations (ribbons, appliqués) to right side of vest; use zigzag stitches for appliqués.

Assembling and finishing

Pin vest piece right side up on batting. Baste around vest ½ inch from edges; trim batting to ¼ inch from basting.

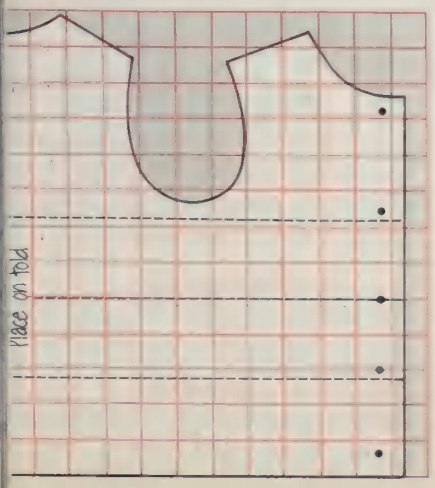
Place the lining on the outside piece, right sides together; pin. Machine-stitch around side and bottom edges, leaving a 6-inch opening at center bottom; backstitch to reinforce each side of opening. Machine-stitch around armholes and neckline, stopping ½ inch from raw edges of shoulder (leave shoulder seams open; reinforce stitching).

Clip curves. Turn vest right side out through bottom opening.

Check fit of shoulder seams; adjust angle as necessary and pin right sides of outside pieces together. Machine-stitch shoulder seam. On the inside, press raw edges of shoulder lining under, matching any adjustments you have made. Pin, then blind-stitch lining shoulder seam. Also blind-stitch bottom opening. Lightly iron all edges.

For a quilted effect, machine-stitch through all thicknesses between color bands or around appliqués.

To finish, install snaps as indicated on package. Spray cotton-blend vest with water repellent if you plan to wear it in snow country. □



Pattern fits tykes to six-footers . . . just adjust the square size

SIZE	Each square on the grid equals	Fabric 45" wide VEST	LINING	Length of optional contrasting band or ribbon (with seam allowance)
ADULT				
X-large	2¼ inches	1½ yards	1½ yards	52 inches
Large	2⅛ inches	1½ yards	1½ yards	48 inches
Medium	2 inches	1 yard	1 yard	45 inches
Small	1⅞ inches	¾ yard	¾ yard	43 inches
CHILD				
Age 8-10	1¾ inches	¾ yard	¾ yard	40 inches
Age 4-6	1½ inches	½ yard	½ yard	35 inches

Sizes and fabric amounts are approximate. Before you begin, check measurements of shoulder, chest, and length, and make any adjustments in pattern size.

1951 *The just-opened Sunset building. Along fence, 'Mrs. Sam McGredy' climbing roses in first year of growth. Olive trees are just beginning to grow. At left of entrance was a fatshedera (removed long ago—too rangy) and a little Osmanthus fragrans*

1981 *At upper left, now 22 feet high, is the Osmanthus that is barely visible in 1951. To right of entrance is one of the olives—now pruned routinely. 'Mrs. Sam McGredy' roses (below) now cover the fences, bloom continually*

Sunset's garden is 30 years old and we're still learning from it

It was more than switching from one office building to another when *Sunset Magazine* and *Sunset Books* relocated their headquarters from downtown San Francisco to Menlo Park 30 years ago this fall.

We moved 30 miles down the Peninsula into the same kind of burgeoning suburb that many of our readers were moving into. With adobe walls, shake roof, and wide overhangs, our new one-story offices, designed by Cliff May, resembled a large ranch house. And like many new homeowners of that day, we had a big yard with a lot of bare dirt.

It was all part of an experiment to put our staff in closer contact with the way our readers were living. Since that fall of 1951, we've learned a lot—sometimes the hard way—in what we have come to call our "laboratory of Western living."

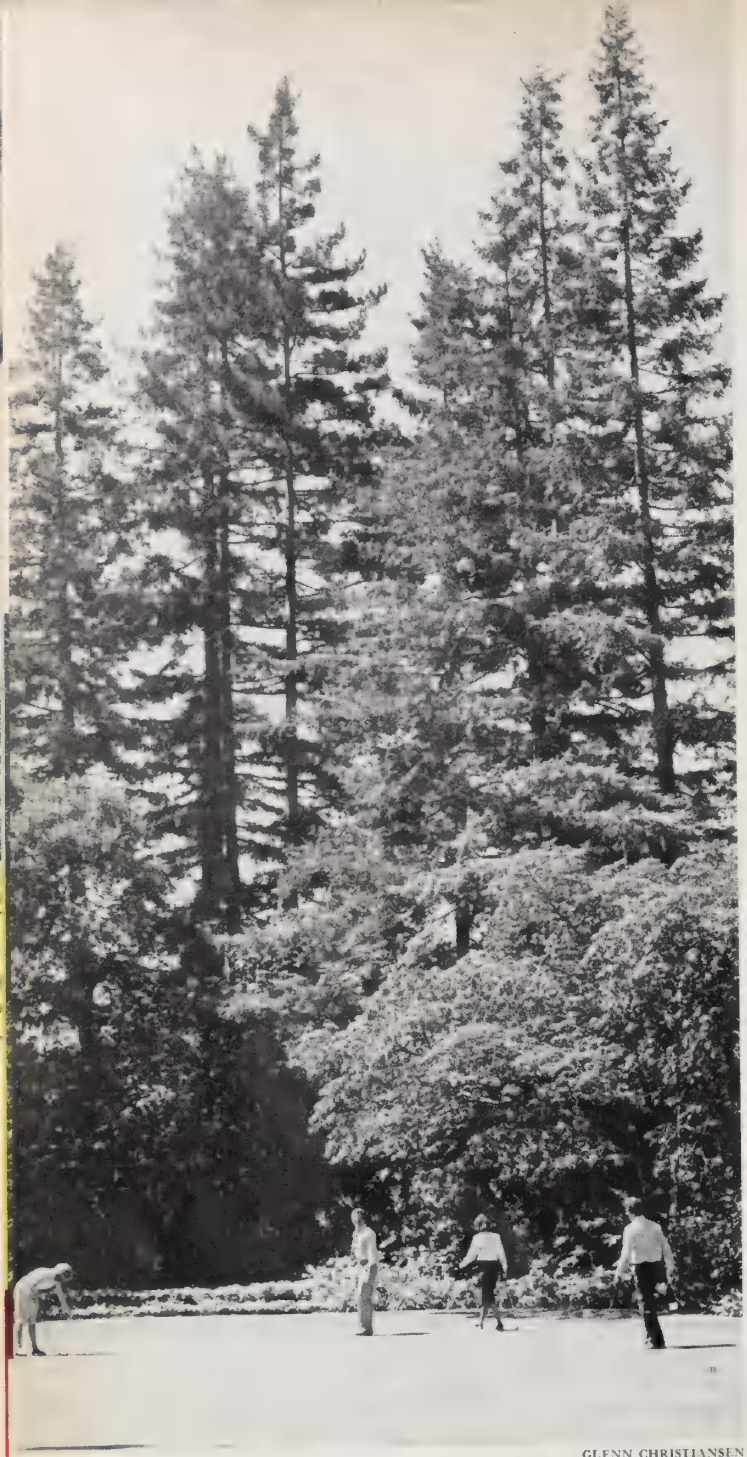
1951 *Brand-new landscaping in patio. We thought the olive tree was big then! See it today, below. The ground cover beneath the olive then was potentilla; now it's fine-leafed ivy*

1981 *Patio is 30, and the central olive tree is huge and pruned often. 'Eureka' lemon fence, foreground, was planted in 1953; its fruit and the olives were stripped in July for Medfly control*

GLENN CHRISTIANSEN

Here you see how our gardens have grown up. Some of our experiments have paid off notably—for instance, the trees shown on these four pages. We've also learned about spraying (only one-fourth of the tree and shrub species in the garden ever need it), water conservation (drip irrigation failures and successes), gardening around oaks (no water around their trunk bases); these have all been reported in past issues.

Right now, we are busy refurbishing the gardens. Just as happens with homeowners who landscaped 30 years ago, we've been running into middle-age plant problems. Much shrubbery and some trees have become too tall, too wide, too dense, and have recently been either removed or pruned or thinned severely. Not enough sunlight was hitting ground cover plants, and some flower beds suf-



GLENN CHRISTIANSEN

Our 30-year-old *redwood grove—tallest is now 117 feet high. At left, redwood planting ceremony in 1951—the late Mr. and Mrs. L. W. Lane, Sunset owners, doing the honors*

We planted this *red-spotted gum (Eucalyptus maculosa) in front of the new North Willow building in 1964. Its brown bark peels every summer, revealing chalky white new skin*

What can you expect from

fered too much root competition; pruning and removal of excess plants lessened those problems too.

While we refurbish, we are keeping the Pacific Coast border true to its original concept: representing trees and shrubs of the West's climates from Puget Sound to San Diego and Tucson. Two sections of the border are shown here: the redwoods at left above represent the Northern California coast, and the California sycamores at left on the facing page typify the canyons of Southern California.

Experiments have not been limited to the gardens. Recently we installed solar air conditioning for our test kitchen, supplementing the building's natural cooling and ventilation system. The kitchen itself, with four home-scale cooking stations for staff home economists, has been remodeled several times. Nowadays at *Sunset*, our crafts projects are designed

California sycamores *(Platanus racemosus) planted in winter of 1951-1952 now stretch to 76 feet. They grow in the Southern California end of the 970-foot-long Pacific Coast border*

Chinese evergreen elm *(Ulmus parvifolia 'Brea') makes good parking lot tree—no bugs, little water. Goes bare in winter, regardless of name. Planted from 15-gallon can in 1973*

GLENN CHRISTIANSEN

Portable redwoods—*15-gallon plants in 28-inch-wide boxes—are useful for short-term screening (here they help hide a temporary building) Three workers with a stout handtruck can move one*

edwoods, sycamores, eucalyptus?

and tested in our "garage workshop"—outfitted with the tools, cabinets, and benches that homeowners use.

In 1964, we added a second office building, also in the ranch house tradition. It houses our book division, circulation department, and business offices. We are now drawing up plans for a third building to go next door.

Since we moved to Menlo Park, we've used our building and gardens for entertaining business guests, frequently serving meals out of the pages of *Sunset*. Because so many readers and neighbors also wanted to see our headquarters, we began offering guided tours in 1951.

Today about 60,000 people visit *Sunset* each year. You're welcome for scheduled tours of our building any workday (not weekends) at 10:30, 11:30, 1, 2, and 3. The gardens are open those same days from 9 to 4:30 ▫

Disappearing walls

Here it's done with roll-up overhead garage doors . . . just about everywhere but the garage

DINING ROOM. *Outside, remodeled Seattle cottage dining room has gridwork window wall overlooking the lawn*

Inside, glass door-wall floods dining spot with natural light, also brightens the living room beyond

Imagine walls that disappear on command, kinetic walls that lift away to unite indoors with outdoors. Overhead garage doors can perform this trick in any room in the house, as three West Coast architects show here—using such doors in living room, bedroom, dining room, and kitchen.

This kind of door is known as an overhead sectional or flexible strip door. Its widest application is in gas stations, where the ceiling-hugging design permits maximum vertical clearances. The same applies here: when a door is raised, the height of the room is reduced by only a few inches.

These doors are not drafty; they're weatherstripped with a flexible O-shaped rubber molding that seals them tightly. A standard 7- by 8-foot door costs $300 to $350 or more installed, plus about $15 a row extra if you specify glass instead of hardboard panels.

In Seattle, architect Bob Hull of Miller/Hull used an all-glass garage door as one wall of his newly remodeled dining room (above). Since the room's width is very close to that of the door, guide tracks were mounted on side walls rather than suspended from the ceiling.

In San Francisco, architect Jeremy Kotas framed a garage door within the southwest wall of his tightly organized rowhouse kitchen (near right). The bottom two rows of panels in this door are hardboard, but the top three are wire-glass, providing the kitchen with natural light. When the door is up, the adjoining balcony becomes part of the kitchen.

San Diego architect Rob Quigley put glass-paneled slide-up doors in Judy and Bart Sayer's new house (far right). One of their main uses is to help cool the house, which they do very well. □

SUSAN BIDDLE

KITCHEN. *Open garage door enlarges small kitchen by bringing in walled balcony. Track hangs from high ceiling on chains*

DON NORMARK

The best of both worlds. On nice days the wall rolls up overhead, connecting indoors with lawn. This door was sized to fit room width so tracks could be mounted along the walls at either side

BEDROOM. *Guide tracks match ceiling pitch in this San Diego bedroom. Door is spring-balanced so it lifts easily and stays up dependably*

BILL

LIVING ROOM. *Pair of doors—a structural pole separates them—open living room to scenery and cooling breezes of San Diego's Mission Bay. Door at left above has railing outside, since it opens onto a 4-foot drop*

Pomegranates

Spaghetti squash

Papayas

DARROW M. WATT

Red bell peppers, artichokes

Cranberries

Persimmons

GLENN CHRISTIANSEN

From market to table—*a bountiful spread of fall-harvest*

Here we present what may start a new tradition for you . . . appetizer to turkey to vegetables to dessert. It makes the most of what's fresh and abundant in our fall markets

Western harvest Thanksgiving

tern produce accompanies roast turkey for the grand Thanksgiving dinner

Iow different our Thanksgiving tradi-ons would be if the Pilgrims had settled n the West Coast instead of along the ocky New England shore! Artichokes nstead of corn? Pies of persimmon in-ead of pumpkin?

fter all, that first Thanksgiving was a arvest festival, giving thanks for food at would nourish the settlers through e coming winter. Our milder Western imate produces a strikingly different ll harvest, and what's fresh and ripe in r markets now is not what you'd find New England.

this spirit, we've put together a menu at gratefully acknowledges the Western contribution to the fresh fruits and vegetables that crowd our markets this month. You'll find tradition echoed in some surprising ways.

Cold Artichokes and Cherry Tomatoes with Herb Cheese
Roast Turkey Dressing Giblet Gravy
Pomegranate Relish
Western Fruit Salad Platter with Fresh Pineapple Dressing
Butter-steamed Brussels Sprouts and Red Bell Peppers
Spaghetti Squash with Orange-Filbert Butter
Crisp Persimmon and Custard Persimmon Pies

Instead of the traditional vegetables, we've chosen artichokes and Brussels sprouts that flourish in Pacific Coast fog. In place of heartier yams, sweet potatoes, or firm-fleshed winter squash, we suggest spaghetti squash with a Western fruit- and nut-flavored butter.

The wild berries gathered by the settlers (and represented by a cranberry relish at Thanksgiving) are replaced with a brilliant red sauce of pomegranates and apples. But cranberries also suit a Western Thanksgiving since they're grown in the Northwest.

For fruit salad, there's a platter of Western-grown pineapple, papayas, avocados,

and grapes, served with a light dressing.

We offer two pies, with crisp persimmons in one and soft persimmons in the other. Soft persimmon pie will remind even skeptics of traditional pumpkin.

Our menu is designed to serve 12 to 14. As with most Thanksgiving dinners, you'll need planning to make it run smoothly. However, many steps can be completed early. The relish will hold for several days; artichokes and Brussels sprouts can be cooked a day ahead.

On Thanksgiving morning, stuff the turkey and bake your pies so their spicy aroma fills the air. Then, while the turkey roasts, bake the squash alongside.

Final steps for Brussels sprouts, spaghetti squash, and the fruit platter can be easily accomplished while the turkey cools for carving and gravy is made.

To complete the celebration, uncork a crisp, white Western wine such as a Chardonnay or Gewürztraminer.

Cold Artichokes with Herb Cheese

Pull small base leaves (bracts) off 5 or 6 artichokes (3-inch diameter) and discard. With a knife, cut stem flush with bottoms. Trim off the thorns at the tip of each artichoke, then, with scissors, snip off thorns on remaining leaves.

As each artichoke is trimmed, drop it into about an 8-quart kettle that contains 4 quarts water, ⅓ cup vinegar, ¼ cup olive oil or salad oil, 2 bay leaves, and ½ teaspoon whole black peppers.

Bring to a boil on high heat, cover, and simmer until stem ends are tender when pierced, about 35 minutes. Lift artichokes from liquid and let drain, top sides down. Serve at room temperature or cover and chill until next day.

Before serving, gently push apart leaves in the center of each artichoke. Reach in with a spoon and scrape out the fuzzy choke; discard. Place artichokes on a large platter and push leaves on one artichoke back from the base onto the platter, making a wreath of leaves (see photograph below). In the cupped bottom of this artichoke, mound 2 packages (3 oz. *each*) of creamy herb appetizer cheese. Garnish with 12 to 14 cherry tomatoes; serve with a knife to cut up artichoke bottoms and wooden picks to spear pieces. Serves 12 to 14.

Pomegranate Relish

You can use 2 cups bottled pomegranate juice or start with the fresh fruit. Cut crowns from 4 pomegranates (about 4-inch diameter) and discard; score skin lengthwise in 3 or 4 places on each fruit. Place pomegranates in a bowl of cold water to cover and let soak about 5 minutes. Holding fruit under the water, split into sections and separate seeds from pulp; seeds sink to the bottom and pulp floats to the top.

Skim off pulp with a wire strainer; discard. Pour seeds into a colander to drain. Then whirl seeds, 2 cups at a time, in a blender until liquefied, pouring through a fine wire strainer; you need 2 cups of juice.

In a 3- to 4-quart pan, combine pomegranate juice, 2 tablespoons lemon juice, 2 cups chopped (peeled) apples, and 1 cup sugar. Bring to a boil over high heat; reduce heat to boil gently until mixture is as thick as applesauce.

Grate 1 teaspoon orange peel, and cut peel and white membrane from 2 medium-size oranges. Cut fruit into sections, discarding center membrane. Stir peel and fruit into cooked pomegranate sauce. Let mixture cool, then serve (or cover and chill up to 5 days). Makes about 3 cups, or 12 to 14 servings.

TERI SANDISON

Dip leaves *of cold cooked artichokes into herb-seasoned cheese for appetizers. Serve with cherry tomatoes*

GLENN CHRISTIANSEN

Our cover reiterated: *the custard pie cools while the crisp persimmon one waits for a top crust*

Cold artichokes to start. Persimmon pie, crisp or soft, to end

Western Fruit Salad Platter with Fresh Pineapple Dressing

Cut stem off 1 pineapple (about 3 lbs.); discard. Put pineapple on a rimmed board or plate to collect juice; quarter fruit lengthwise, then slice off and discard core sections and cut meat from skin with a curved (grapefruit) knife. Discard skin and cut meat in 1-inch chunks; set aside.

Measure pineapple juice; you should have ⅓ cup (if you don't, crush several pieces of fruit). Combine juice, ½ teaspoon grated lime peel, 2 tablespoons *each* lime juice and chopped fresh (or dry) mint leaves, 1½ tablespoons sugar, 1 tablespoon *each* white wine vinegar and salad oil, and a dash of salt; stir. Cover and chill.

Group pineapple on one corner of a large platter. Peel, seed, and slice 2 ripe papayas and arrange on platter. Rinse and briefly drain 1 pound red grapes, then snip into small bunches. Arrange grapes on platter. At this point, you can cover and chill fruit as long as 4 hours.

Just before serving, peel, pit, and slice 2 large avocados and arrange on platter. Drizzle fruit with dressing and serve. Makes 12 to 14 servings.

Butter-steamed Brussels Sprouts and Red Bell Peppers

Trim off and discard stem ends from 2 pounds washed Brussels sprouts. Bring 3 quarts water to boiling in a 4- to

FERI SANDISON

Those Thanksgiving dessert pies *have a Western twist: the look is pumpkin, but the flavor is persimmon. Serve with softly whipped cream*

5-quart kettle. Add sprouts and cook, uncovered, at a gentle boil until tender when pierced, about 8 minutes. Drain, immerse in ice water, and drain again. Cover and chill overnight, if desired.

Seed 2 large red bell peppers and cut into ¾-inch strips. Melt 6 tablespoons butter or margarine in a 4- to 5-quart pan on medium-high heat; add peppers; cover and steam until slightly limp, about 3 minutes. Stir in 1 teaspoon *each* dry basil leaves and prepared mustard, and sprouts. Cook, uncovered, stirring frequently, until sprouts are heated through, about 3 minutes. Season with salt and pepper. Serves 12 to 14.

Spaghetti Squash with Orange-Filbert Butter

Select 2 medium-size spaghetti squash (about 3-lb. size). With a fork, pierce through shell in 5 or 6 places; set on a rimmed baking sheet. Bake in a 325° oven until shells give when pressed, about 2 hours (turn squash over after hour).

Chop 1 cup filberts and place in a rimmed pan in oven with squash until the nuts are golden, about 15 minutes.

Blend 1 cup room-temperature butter or margarine with 1 tablespoon grated orange peel, 2 tablespoons *each* orange juice and firmly packed brown sugar, ½ teaspoon ground nutmeg; set aside.

Horizontally cut top half off each squash. Scoop out seeds and discard. Pull squash strands free with a fork; pile all the strands in the 2 squash bottoms. Add half the nuts and half the orange butter to each and mix gently with a fork; season to taste with salt. Serves 12 to 14.

Crisp Persimmon Pie

- 8 cups (about 2½ lbs.) peeled and sliced crisp, tomato-shaped persimmons such as 'Fuyu'
- ⅓ cup *each* granulated sugar and firmly packed brown sugar
- 2½ tablespoons quick-cooking tapioca
- 1 teaspoon ground cinnamon
- ½ teaspoon *each* grated orange peel and ground ginger
- 3 tablespoons lemon juice
- Pastry for a 9-inch two-crust pie
- 2 tablespoons butter or margarine, cut in small pieces

In a large bowl, combine the sliced persimmons, the sugars, tapioca, cinnamon, peel, ginger, and lemon juice; stir gently to blend.

Divide pastry in half. On a floured board, roll out 1 section and fit into a 9-inch pie pan. Pour in the fruit filling and dot with the butter. Roll out remaining pastry on a floured board and fit over top of pie; fold pastry edges together to seal, then flute. Cut several vent slashes on top pastry. Loosely wrap edge of pie with a 3-inch-wide strip of foil; set pie on a rimmed baking sheet.

Bake on lowest rack of a 425° oven for 35 minutes; remove foil strip and continue baking until pie juices bubble vigorously in center and pastry is well browned, about 20 minutes longer. Let cool to room temperature before cutting. Makes 6 to 12 wedges.

Custard Persimmon Pie

- Pastry for a 9-inch single-crust pie
- 3 eggs
- 2 cups persimmon purée (directions follow)
- ½ cup firmly packed brown sugar
- 1 teaspoon ground cinnamon
- ½ teaspoon *each* ground ginger and salt
- ¼ teaspoon ground cloves
- 1 large can (13-oz.) evaporated milk
- Sweetened whipped cream (optional)

Roll out pastry on a floured board and fit into a 9-inch pie pan. Flute edges.

With an electric mixer, beat eggs to blend. Add purée, sugar, cinnamon, ginger, salt, cloves, and milk; beat to blend thoroughly. Pour into pastry.

Bake on the lowest rack of a 425° oven for 15 minutes. Reduce temperature to 350° and continue baking until pie looks set but jiggles slightly in center when pan is gently shaken, about 45 minutes more. Cool to room temperature to serve. Top with whipped cream. Makes 6 to 12 wedges.

Persimmon purée. Select 4 large, very ripe, pointy-tipped 'Hachiya' persimmons; fruit should feel very soft. Cut tips off persimmons and scoop flesh from the shell with a spoon. Discard skin, stem, and any seeds. Whirl pulp in a blender until smooth; you need 2 cups. □

TERI SANDISON

Before remodeling, *spartan kitchen was large enough, but appliances were outdated and poorly placed. Narrow arched doorway in lower picture led into separate dining room*

Broad arch now connects *cooking and conversation. While Chef Puck whips up the main course, guests perch comfortably along J-shaped, counter-high table*

When a French restaurant chef gets his hands on an old bungalow kitchen...

What does a professional chef want when he remodels his own kitchen? According to restaurant chef Wolfgang Puck, whose kitchen is shown here, it's a room any good cook would enjoy—and it's far less complex than you might think.

His goal was to open the small kitchen of his 1920s Los Angeles bungalow to the dining-living room so he could be both host and cook for informal gatherings of friends. He wanted a warm, cheery, peaceful retreat from the frenetic restaurant kitchen. And surprisingly, he wanted only basics in cookware and tools ("We have enough fancy stuff at work"), so his needs for storage and counter space were minimal.

Designer Barbara Lazaroff, Imaginings Interior Design, started by knocking out the wall between kitchen and dining area. She replaced it with a cooking peninsula and an overhead arch that divides the space, echoing the rounded doors and passageways throughout the house. A squared-off door at one end of the kitchen was also restructured to match an arch way in the adjoining wall.

Above the sink, rectangular windows were replaced by stained-glass arches with vegetable motifs. Counters and

BILL ROSS

New cooking peninsula *is stage for dining room audience. Veal and apples sizzle on professional gas cooktop; recessed wok, for more showmanship, is at right*

Behind the chef *as he serves a veal sauté are stained glass windows that repeat the arch motif. They bring in light but block too-close view of a neighbor's house*

floors are done in brightly patterned ceramic tile; brick pavers on two walls contribute to a warm "country" feeling.

New wood cabinets surround a full complement of modern appliances: double electric wall ovens, stainless steel sink with instant faucets for hot and ice water, garbage disposal, trash compactor, and dishwasher. Chef Puck's professional experience determined his choice of a four-burner restaurant gas cooktop (its grid surface supports pans on any spot), a built-in wok recessed flush to the counter surface, and a venting unit designed to be effective without the usual descending hood; the mechanics for the fan are housed on the roof.

Plumbing was updated, but the only extension was a water line to the ice maker in the refrigerator-freezer. Gas was moved to the cook counter; the wok required special connections to provide the high heat Puck desired. □

As hefty crate is unloaded, *surprised Californ*

With leaves squeezed into a box, roots protected in plastic, and a last drink given before leaving, thousands of plants each year embark successfully on journeys that take them over state borders or across the country.

Waiting at the end of the line is a hopeful gardener who has been enticed by the photographs and descriptions of his favorite mail-order catalog. Fortunately for both the gardener and the plant, the trip usually ends in a happy union.

Sunset readers (295 of them) helped us develop this scenario by sharing their experiences in buying plants by mail. The majority of those who filled out our five-page questionnaire enthusiastically endorsed shopping for plants by mail. They also offered advice on some potential pitfalls and how to avoid them.

But why should plants be sent whizzing

"Look what the mailman just brought!"

4½-foot rhododendrons, death-defying clematis, other marvels and mistakes of mail-order nursery shopping. 295 readers share their experiences, good and bad

neowners greet plant mail-ordered from Greer Gardens in Oregon. Unpacking reveals healthy 4½-foot-tall rhododendron 'Trude Webster'

all over the country? Why not just pick them up at the local nursery? Readers cited a larger selection as the main reason for mail ordering: *"My local nursery carries the same old tired varieties each year." "You can order hard-to-get items through catalogs." "Often new varieties available through catalogs take years to reach the nurseries."*

Ordering plants by mail is convenient: *"I can do my garden shopping in the living room."* And it's fun: *"It's like having Christmas all year!"*

Many plants shipped by mail-order companies are smaller than those generally available in nurseries (for example, see the clematis in the photographs below). Some view this as a disadvantage: *"It takes longer to see results."* But others find this a plus: *"Mail-order plants come in small seedling sizes, which are inexpensive—so one can try numerous plants without a large investment. And I have more time than money."*

If you prefer larger specimens, you can also obtain these by mail—look, for example, at the hefty rhododendron pictured above. Of course, you'll pay considerably more (this rhododendron cost $54 for the plant, $40 for shipping.) Each catalog indicates plant sizes.

Which plants ship best? Although an excellent mail-order firm can manage to ship just about any plant, the ones our questionnaire respondents had best luck with are shown on page 118.

Bare-root fruit trees, grapes, roses, and cane berries proved particularly reliable if shipped dormant at the proper season. More delicate plants such as African violets, miniature roses, and nondormant perennials and shrubs can also be shipped successfully, but it is especially important to select your mail-order firm carefully when ordering these.

The chart on page 119 lists 21 firms that won the most votes from our readers;

DARROW M. WATT

Comparing *unpromising clematis to catalog photograph, skeptical gardener pots and stakes mail-order specimen. Two weeks later, growing vine in full leaf wins a mail-order fan*

Rhododendrons
and azaleas
$6—$20
Bare-root roses
$4—$8
Bare-root fruit trees
$10—$16
Bare-root grapes
$3—$4
Herbs
6 for $8—$15
Cactus and succulents
$1—$12
African violets
$3—$4
Miniature roses
$3—$6
Iris
$2—$9
Bare-root strawberries
25 for $9—$10
Perennials
$1—$5

ıst out *of their boxes, these plants*
·e the ones Sunset readers
ɔnsider best bets for mail order.
n average price range is given
ı each category

these companies can generally be counted on to send healthy plants, and to resolve any problems promptly. (Our questionnaire did not cover ordering seeds or bulbs by mail, but several seed companies were nominated for our list by readers who had bought plants from them.)

Mail-order firms that received only a few votes are not listed. These usually were specialty nurseries not widely known, but the gardeners who had discovered them often gave them glowing praise. The best way to locate these small firms is to look for their advertisements in specialty

DARROW M. WATT

Eleven catalogs *from nurseries below yielded the plants shown on facing page*

Rated reliable by readers... 21 mail-order nurseries

Specialty	Catalog		Name, address, comments, shipping dates
ROSES, fruit trees	Free	40 pages, color	**ARMSTRONG NURSERIES,** Box 4060, Ontario, Calif. 91761. Specialty is roses, but also lists fruit trees, including some subtropical varieties. Ships Dec.-April.
PERENNIALS	50¢	39 pages, few photos	**BLUESTONE PERENNIALS,** 7211 Middle Ridge Rd., Madison, Ohio 44057. Also mails color brochures on chrysanthemums, iris. Ships April-June, iris in August.
AFRICAN VIOLETS, other gesneriads	25¢	30 pages, no photos	**BUELL'S GREENHOUSE,** Box 218, Eastford, Conn. 06242. Send self-addressed legal-size envelope with 35¢ postage, 25¢ for catalog. Most shipping May-June, Sept.-Oct.
SEEDS, general stock	Free	184 pages, color	**BURPEE SEED CO.,** Box 748, Riverside, Calif. 92502. Venerable seed company also has some berries, roses, shrubs, trees, vines, ground covers. Ships Jan.-April, Sept.-Oct.
RHODODENDRONS, azaleas	$2	60 pages, color	**GREER GARDENS,** 1280 Goodpasture Island Rd., Eugene, Ore. 97401. Also sells some ornamental trees, shrubs. Ships year-round, but best months for plants are Sept.-April.
CACTUS, SUCCULENTS	$1	48 pages, some photos	**HENRIETTA'S NURSERY,** 1345 N. Brawley, Fresno, Calif. 93711. Sells nursery-grown plants. Chatty catalog. Ships year-round.
ROSES, berries, trees	Free	40 pages, color	**JACKSON & PERKINS,** Box 16B, Medford, Ore. 97501. Specializes in roses; also carries some dwarf fruit trees, cane berries, flowering shade trees. Ships Dec. 15-June 15.
PERENNIALS, alpines	Free	56 pages, no photos	**LAMB NURSERIES,** E. 101 Sharp Ave., Spokane, Wash. 99202. Specializes in hardy perennials, plants for rock gardens; has some herbs, succulents. Ships April-Nov.
IRIS, daylilies	$1	30 pages, some color	**MELROSE GARDENS,** 309 Best Rd. S., Stockton, Calif. 95205. Entertaining descriptions in catalog. Shipping season is July-Sept.
MINIATURE ROSES	$1	19 pages, no photos	**MINIATURE PLANT KINGDOM,** 4125 Harrison Grade Rd., Sebastopol, Calif. 95472. Extensive list of bush and climbing miniature roses. Ships year-round.
SEEDS, herb plants	Free	70 pages, few photos	**NICHOLS GARDEN NURSERY,** 1190 N. Pacific Highway, Albany, Ore. 97321. Specializes in herb and vegetable seeds, also sells herb plants. Ships April 15-June 15, Sept.
SEEDS, general stock	Free	124 pages, color	**GEORGE W. PARK SEED CO.,** Greenwood, S.C. 29647. Known for seeds, but also has miniature roses, herbs, ground covers, other plants. Ships plants Feb.-May, Sept.-Dec.
OLD ROSES, modern roses	$1.50	68 pages, black/white	**ROSES OF YESTERDAY AND TODAY** (formerly Tillotson's), Brown's Valley Rd. Watsonville, Calif. 95076. Catalog indicates which roses are not hardy. Ships Jan.-May 15.
IRIS	$2	71 pages, color	**SCHREINER'S GARDENS,** 3625 Quinaby Rd., Salem, Ore. 97303. Offers bearded iris, spurias, Siberian iris. Ships July-Sept.
ALPINES, N.W. natives, ferns	$1.50	28 pages, no photos	**SISKIYOU RARE PLANT NURSERY,** 2825 Cummings Rd., Medford, Ore. 97501. Specializes in rock-garden plants for cold-winter areas. Ships March-May, Sept.-Oct.
FRUIT TREES, general stock	Free	61 pages, color	**STARK BRO'S NURSERIES,** Louisiana, Mo. 63353. Has mainly fruit trees, also some nut trees, strawberries, roses, other ornamentals. Ships Oct. 15-Nov., Feb.-May.
CHRYSANTHEMUMS	$1	38 pages, color	**SUNNYSLOPE GARDENS,** 8638 Huntington Dr., San Gabriel, Calif. 91775. Chrysanthemum descriptions include blooming dates for California. Ships March 15-July.
HERBS	$1	32 pages, few photos	**TAYLOR'S HERB GARDENS,** 1535 Lone Oak Rd., Vista, Calif. 92083. Catalog gives information on folklore of herbs, also uses. Ships year-round.
GENERAL STOCK	$1	148 pages, color	**WAYSIDE GARDENS,** 908 Garden Lane, Hodges, S.C. 29695. Catalog is offered in spring and fall editions (each $1). Ships March-May, Sept.-Dec. 15, iris in August.
GENERAL STOCK	$5	200 pages, color	**WHITE FLOWER FARM,** Litchfield, Conn. 06759. Your $5 buys both spring and fall editions. New spring catalog will have color photos. Ships Sept. 15-Dec., March-June.
FRUIT TREES, nuts, grapes	Free	28 pages, color	**DAVE WILSON NURSERY,** Box 1075, Hughson, Calif. 95326. Catalog includes detailed climate maps and cultivar evaluations for specific areas. Ships Jan.-May.

DARROW M. WATT

Mail-order orchid *starts life among hundreds in Rod McLellan greenhouse in South Francisco. Once selected, the specimens go through an assembly line for careful packing, labeling, and shipping*

plant journals.

Readers cautioned against buying from firms whose claims seem exaggerated: *"I'll never order anything described as a miracle." "Once I ordered 'climbing' strawberries that turned out to be ordinary strawberries in spite of the trellis I had optimistically provided." "I'm leery when a catalog says a plant will grow 5 inches a day, or that all my neighbors will be talking."*

Our respondents advised avoiding firms that do not use recognizable names: *"Watch out for firms that fail to use identifiable names—either botanical or common. If you can't find the name in a reliable reference book, forget the seller." "Don't order from a firm that uses goofy names."*

Although most catalogs provide cultural information, it's a good idea to check your gardening books or consult an extension agent or nursery person before ordering. (You may find that catalogs from the East or Midwest often need "translation" to Western climate conditions.) Make sure your order is realistic: *"Don't expect a nursery to replace an orange tree that died in a snow storm." "So who needs peonies in Southern California?" "How many times I have tried clematis, which resents my garden."*

Before ordering, read the catalog carefully to determine the guarantee policy. Most companies will replace a plant that arrives in poor condition if you notify them within a week, and some will even replace a plant that is still languishing after one season. Or you might be offered a refund or credit.

Check to make sure the plant is not quarantined for your state (some catalogs mention such restrictions in their plant descriptions). You can also find out about quarantines from your county agricultural inspector.

Reputable companies make every effort to ship plants in the proper planting season for your area. But you can help ensure your plant's survival by indicating on your order when would be the best month for it to arrive.

For example, desert gardeners and residents of other hot-summer areas such as California's Central Valley will get better results if tender plants are sent in early spring or late fall. If your area has snowy winters, indicate a very late spring or early summer shipping date so your plants won't get frozen. Bare-root plants should be sent, dormant, in the best winter month for bare-root planting where you live.

Remember, however, that a mail-order firm located in a cold-climate area may not be able to send your order as early in spring as you might wish. And that plants grown in warm climates sometimes cannot be held dormant for late-spring areas.

Most orders take a minimum of three weeks to process, and you may have to wait several months if you order a plan out of season. The company will usually keep you posted on anticipated arriva time. Order early, before supplies of pop ular plants run out. It is a good idea t list acceptable substitutes: a nursery tha has run out of stock for your plant wil send you a similar one unless you writ "no substitutions" on your order.

If you are given a choice on the orde blank, ask that your plants be sent b UPS Blue Label or Priority Mail (Firs Class). These tend to be the fastest which is vital when plants are sent lon distances. Avoid parcel post, since plant often receive rough handling and are to long in transit. (One disgruntled garden er who had used parcel post suggested *"U.S.P.O. Dept. must stand for Unite States Plant Obliteration Department."*

If your package is being sent by UP and you are not usually home during th day, arrange for a neighbor to sign fo you, and indicate this on your order. O have the plants delivered to your wor address. Keep a copy of your order.

Prepare garden soil before mail-orde specimens arrive so you can plant ther without delay. Or have containers an soil on hand so you can pot them righ away if permanent planting must be de layed. Carefully follow any direction sent with the order.

When your plants arrive, they will ap preciate immediate attention. After un packing, water if dry. Protect newl planted specimens from wind or hot su for at least a week.

And remember that any plant, whethe mail-order or not, just might not mak it, for reasons beyond anyone's contro *"All my mail-order plants did beautifull except for the one the dog sat on an then buried."*

MICHAEL THOMPSON

Bare-root roses *(left) get final trim before being packed for shipment. Slightly dry on arrival (right), they need to soak in water for 4 to 12 hours*

EVERYTHING YOU EVER BELIEVED ABOUT THE GOODNESS OF SOUP HAS JUST BEEN CONFIRMED.

If you're like most people, you may have always suspected that there was something especially wholesome about a hot bowl of soup. Now your instincts have just been proven to be a fact: **Soup really is one of the most thoroughly nourishing, easily digestible foods you can eat.**

NUTRITION NEWS.

Using data from one of the largest studies ever made on nutrition conducted by Government health agencies, experts from leading universities identified differences in people's diets (published in "The American Journal of Clinical Nutrition"). **It was found that soup can be a significant part of a balanced, healthful diet.**

And when compared with other foods in a Nutrient Density Rating System* used by nutritionists, many of the most popular soups score very high. **In fact, some soups have more nutrients per calorie than other good foods.** Like green beans, lettuce and corn.

SOMETHING TO SLEEP ON.

Let's say you've come home from work too late to sit down to a big, heavy dinner. (A lot to digest isn't the best thing to go to sleep on.) A bowl of soup before bed might just be what your body needs. And it's so digestible.

And if, for example, that bowl of soup were **Campbell's Vegetable Beef, you'd be giving yourself more vitamin A in one serving than you'd get from nine eggs.** And, calorie for calorie, as much protein as peanut butter. If it were Campbell's Tomato Soup, you'd be getting the vitamin C equivalent of half a grapefruit.

EATING MODERN.

Everywhere, people are walking when they used to drive. Jogging when they used to walk. And because feeling good is looking good, people are paying more attention to getting more nutrition—with fewer calories. Soup is good for that, too. Many soups have more nutrients per calorie than lots of the foods people think are most healthy. **So you can see that soup can play a very important part in a nutritionally balanced diet.**

Campbell's

SOUP IS GOOD FOOD.

*Source: Hansen, R.G., Wyse, B.W., Sorenson, A.W., The Nutritional Quality Index of Foods. AVI Publishing Co., Inc., Westport, Conn. 1979.
Note — mean value sources for nutrient comparison: USDA Handbooks No. 8 and 456 and Campbell Soup Co.

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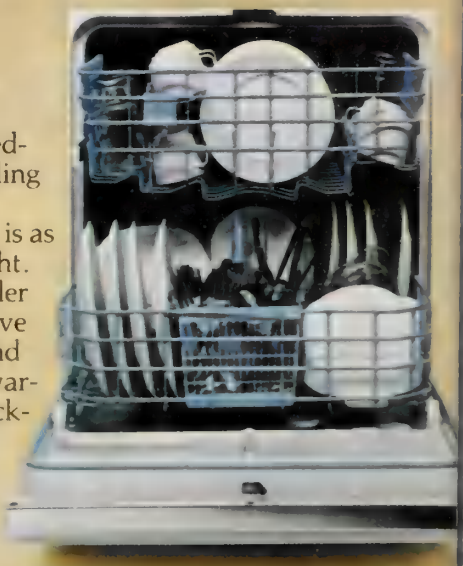


THE 2500 DISHWASHER FROM GE.

The advanced solid-state controls on the 2500 Dishwasher are so smart they make dishwashing easy. Here's what a dishwasher this bright can do for you.

The Outside Story. Fingertip electronic controls give you almost unlimited control over cleaning levels and energy use. First, touch the pad next to the washing cycle you want. Then the dishwasher automatically selects a soil level and sets a drying option that are right for most loads. It has an exclusive energy monitor. And it shows you exactly when your dishes will be clean. That's how easy it is.

But that's not all. The GE 2500 is even bright enough to warn you if certain things have gone wrong (like a household power failure or a plugged drain) and if you can fix it yourself.

The Inside Story. The 2500 has an exclusive Multi-Orbit™ washing system with a powerful Potscrubber® cycle that lets you get all kinds of dishes—from delicate crystal to pots with baked-on foods—sparkling clean.

And the 2500 is as tough as it is bright. Just ask your dealer about our exclusive PermaTuf® tub and its fully written warranty against cracking, peeling, rusting, or leaking for 10 years, in normal use.

For your nearest GE dishwasher dealer, call toll free (800) 447-2882. In Illinois only, call (800) 322-4400.

The 2500 Dishwasher from GE. The dishwasher that's so bright it can make a dull job easy.

WE BRING GOOD THINGS TO LIFE.

GENERAL ELECTRIC

1 · *Dramatic double-glazed wall turned south-facing patio of Richard and Joan Vogel's Albuquerque home into multi-use solar enclosure. Designer Doug Edgar made small center section into a greenhouse; corner area became a bright family room.*

In winter, the family room (right) is a heat source for rest of house; blowers pull excess heat through adjoining living room, where it enters furnace return-air duct. In summer, overhead fan stirs air while north-facing clerestories hinge open to exhaust heat

DON NORMARK

Passive solar add-ons: 7 energy-saving examples

t's hard to imagine a more rewarding emodel than a passive solar add-on.

'ou gain space, you gain light. With avvy design, you can solar-heat far nore of your house than just the add-on self. In addition, nine Western states ll but Idaho, Nevada, Washington, Vyoming) and to some extent the fedral government allow tax breaks for assive solar.

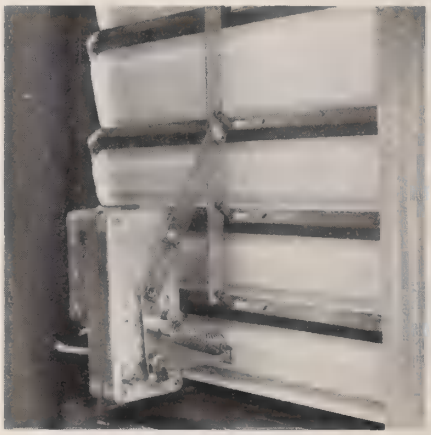
nother important gain: the resale maret now shows that energy-effective omes can have notably more value than ss efficient ones.

n these pages, we show seven solar dd-ons in a variety of Western climates. ll have met the ultimate test: economil winter living.

asic passive principles are now wellnown: good design and common buildg materials—not specialized mechanil hardware—do the work. In a recent ticle (see page 82 of the April 1981 *unset*), we detailed how these principles

2 · *Looks deceive: this delicately trimmed extension of a small Boulder home is an all-out solar greenhouse. Roof overhang blocks high summer sun but admits needed winter rays. Floor and brick absorb daytime heat, release it at night. Heat moves through open door to bedroom, and through higher opening to rest of house. Arbor above new deck will have deciduous vines to provide summer shade for adjoining kitchen. Design: Stephen Sparn of Milburn Sparn Energy Architects*

3 . *Bold new wall says "solar" but the most effective part of this Seattle remodel is hidden: a whole-house conservation overhaul proposed by designer Tim Magee/ Rainshadow helps retain heat trapped by the greenhouse. Paul and Mary Ehrlich have cut their heating bill by two-thirds while doubling their living space. Heat from top of greenhouse is routed through ducts to other rooms; cooled air returns to greenhouse through thermostat-controlled damper (bottom right)*



DON NORMARK

can be put to work on existing homes.

There are four functions: solar *collection* (aiming ample double-glazing south toward the sun), *storage* (using dense materials or water to soak up heat), *distribution* (moving the heat to where you want it), and *retention* (night-shuttering of solar windows and tightening up the house to keep solar heat inside).

Heat retention can't be overemphasized; the two homes on this page show how effective weatherization can be. Before he began the heat-gaining greenhouse above, designer Tim Magee insisted on a complete conservation package: total re-insulation, caulking, storm windows, and even spring-loaded hinges that keep exterior doors from standing open.

Bertha Allen's weatherization added comfort: her old concrete block wall, now wrapped on three sides with thick insulation, became solar storage mass, surrounding her at night with heat.

(Remember, thermal storage mass can

4 . *Another triumph of combining weatherization and passive solar features cut this Albuquerque home's expensive propane heating to a third. First came rigid insulation (around side and rear concrete walls), thick roof insulation, and storm windows. Then came a new glass façade sloped to face the winter sun; it provides heat, all-seasons gardening, and an "airlock" entry buffer against the cold. Original façade was painted dark to absorb radiation; the insulation-wrapped concrete shell is now "thermal mass," stabilizing indoor temperature year-round. The payoffs: more comfort, much lower fuel costs, increased property value. Design: Doug and Sara Balcomb for her mother, Mrs. Bertha Allen*

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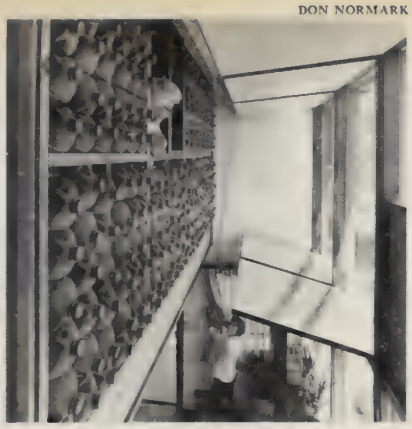
DON NORMARK



5 · *Two-story addition in Loveland, Colorado, gives Alice and Dorene Leonard more space, light, and heat. Low concrete ledge just inside big south windows stores some heat; dark-painted water-filled bottles facing bedroom loft store considerably more. "Clamshell" shutters with reflective surface close in summer to keep out sun, open on winter days to bounce extra radiation onto bottles. Design: Tom O'Brien*

6 · *Solar elegance: crisp, contemporary lines and airy interior belie significant heating and cooling function in Larry and Roberta Sparks' Albuquerque addition. Entering radiation is absorbed by flagstone floor, which slowly releases stored heat after sunset. Open plan allows heat to be shared with original portion of house. Outside, the overhang helps block sun to provide cooler outdoor living. Architect: Edward Mazria & Associates*

DAVID STUBBS

7 · *Second-story addition in San Luis Obispo, California, contains unique "heat box." The three south-facing side windows let the sun shine into an enclosure lined with water drums (painted black on their sunward sides) that absorb heat in daytime, radiate it to the room at night. Vents at top and bottom of enclosure open to allow faster warming current. In summer, upper windows are opened to vent while blinds close to block sun. Design: Donald Cutter*

so help cool in summer. Cooled by enting at night, it absorbs heat that may uild up indoors by day, providing a able level of thermal comfort.)

[any passive remodels use fans, ducts, and dampers to move heat to parts of the house remote from the solar gathering point; the small amount of energy involved can be more than offset by the welcome spread of warmth. □

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NORMAN A. PLATE

Streetside view *of house is nearly the same as in 1912, giving few hints of the modernization inside*

Greenhouse pop-out *widens kitchen. Clear silicone caulk seals the glass joints*

Rear of house *shows more change: deck and upper balcony, kitchen bay, big non-opening windows under gable*

Passing by, you'd never guess how much this old-timer was remodeled

An old farmhouse often exerts a powerful pull on the romantic house buyer. But sooner or later, living quarters that once looked quaint and charming can seem dark and cramped, graced with few modern amenities.

Fortunately, Barbara and Hugo Bauer had few illusions when they bought their 68-year-old farmhouse in northern California's wine country—they knew it needed extensive remodeling. The 1,400-square-foot, three-bedroom, one-bath house just wasn't big enough for their family of five, and it needed insulation, plumbing, and electrical upgrading.

Teaming up with Santa Rosa architects Bob Zinkhan and Gary Tobey, the Bauers devised a remodeling that dou-

Introducing SUNLIGHT dishwashing liquid.

Real lemon juice gives new Sunlight extra cleaning power.

New Sunlight has extra cleaning power on baked-on foods. Even the leading brand can't match that. And to prove it, we coated this casserole dish with an even layer of gravy, baked it hard and cut it in half. After equal soaking and cleaning, the Sunlight side is sparkling clean while the leading brand's side is still dirty. That's the difference real lemon juice can make!

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NORMAN A. PLATE

Sunken living room, *a few steps from bright, glassed-in dining bay, has new brick wall with two-way fireplace and wood-storage bin. Overhead beams carry load of new upstairs living spaces*

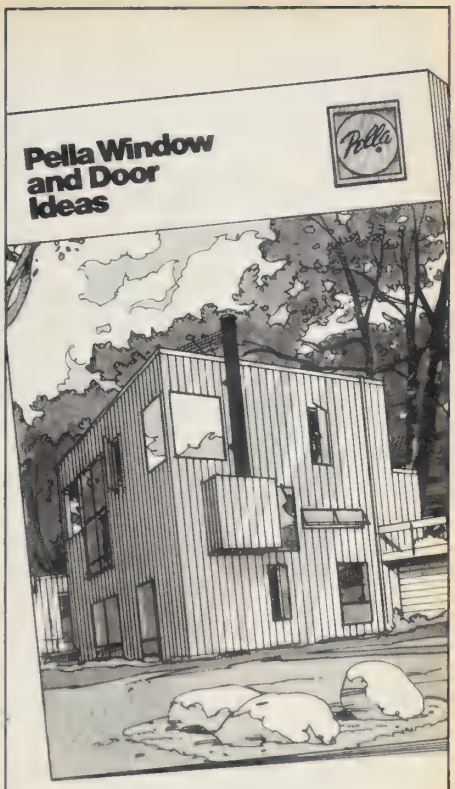
oled their living space. The farmhouse grew up, out, and down but still worked within the original perimeter foundation (except for the dining room bay).

Biggest gain was in the unused attic, where the Bauers added four bedrooms and three baths. The downstairs, once a maze of three bedrooms, a narrow hall, and a living room, now is a house-wide combination dining room and sunken living room (a widened kitchen sits behind the brick wall). The living room floor was lowered by a surprisingly simple method: floor joists were cut away and replaced by a 15-foot-square concrete pad set 18 inches below the old floor level. Existing perimeter foundations were reinforced, and new pier pads were added to carry the weight of two added sets of posts and beams running the length of the house.

The most visible signs of change are at the rear. On the lower level, a large deck extends living and dining spaces to the outside, under trees. To one side, a popped-out bay adds much-needed depth to the kitchen and gives an open view toward the working vineyard beyond.

On the upper level, the rear-facing master bedroom opens to a cantilevered private balcony over the deck. Master bedroom and bath have expansive, double-glazed windows that follow the pitch of the roof. By adding dormers in both rooms, the Bauers gained space for a shower and a king-size bed. □

Angled windows *in master bedroom reflect roof line and load-bearing beams. Window in bath (to left) is mirror image of this one. Center door leads to balcony*



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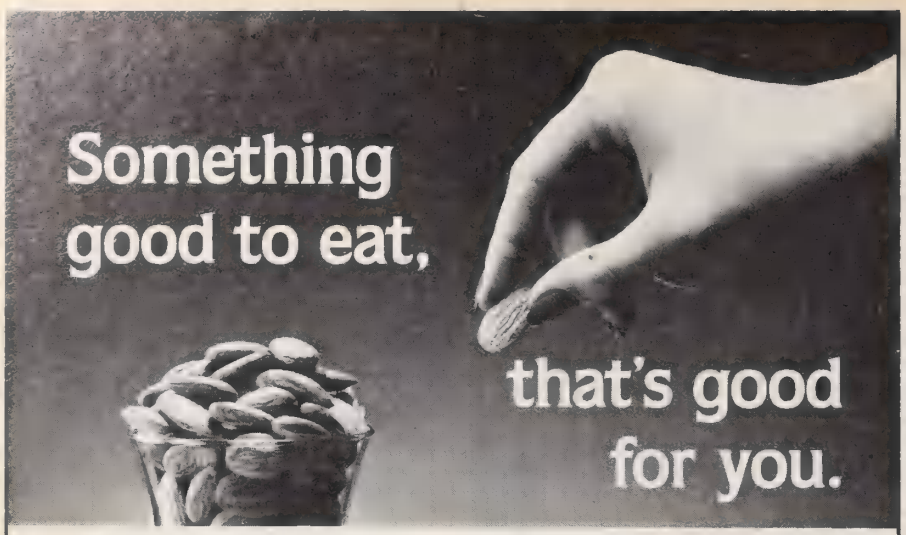

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1981 tax incentives for energy saving

Like shifting desert sands, tax incentives for solar energy outlays and energy conservation measures seem to be constantly in flux.

In both the November 1979 and November 1980 issues of *Sunset,* we reported the changing policies of the 13 Western states. Now, for the 1981 tax year, seven states have modified their 1980 rules.

Most incentives are credits, which means you can subtract from your state taxes a percentage of the money you spend for solar, alternative energy, and conservation purposes.

California establishes a conservation credit

A separate energy conservation credit has been established at 40 percent of expenses for items such as insulation, caulking, and weatherstripping done without a Residential Conservation Service audit; other more specialized conservation measures are eligible if recommended after an audit has been done. Conservation measures done in conjunction with a solar system still qualify at 55 percent. At this time, you can't get a refund if credits exceed tax due.

Hawaii lets in windmills and heat pumps

Here the 10 percent credit has been expanded to include wind devices and heat pumps installed after December 30, 1980, and before December 31, 1985. Only heat pumps used for the production of hot water qualify. The entire energy credit expires December 31, 1985.

Montana, like California, splits conservation and solar credit

A separate energy conservation credit has been established for 5 percent of the cost or $150 credit, whichever is less, for conservation measures. No carry-forward is offered for this conservation credit; it must be taken in full in the year of purchase.

New Mexico antes credit up to $4,000

The maximum credit has been increased to $4,000 and expanded to cover labor as well as materials for alternative energy systems, which now includes wind systems for pumping water or generating electricity. The credit is available for

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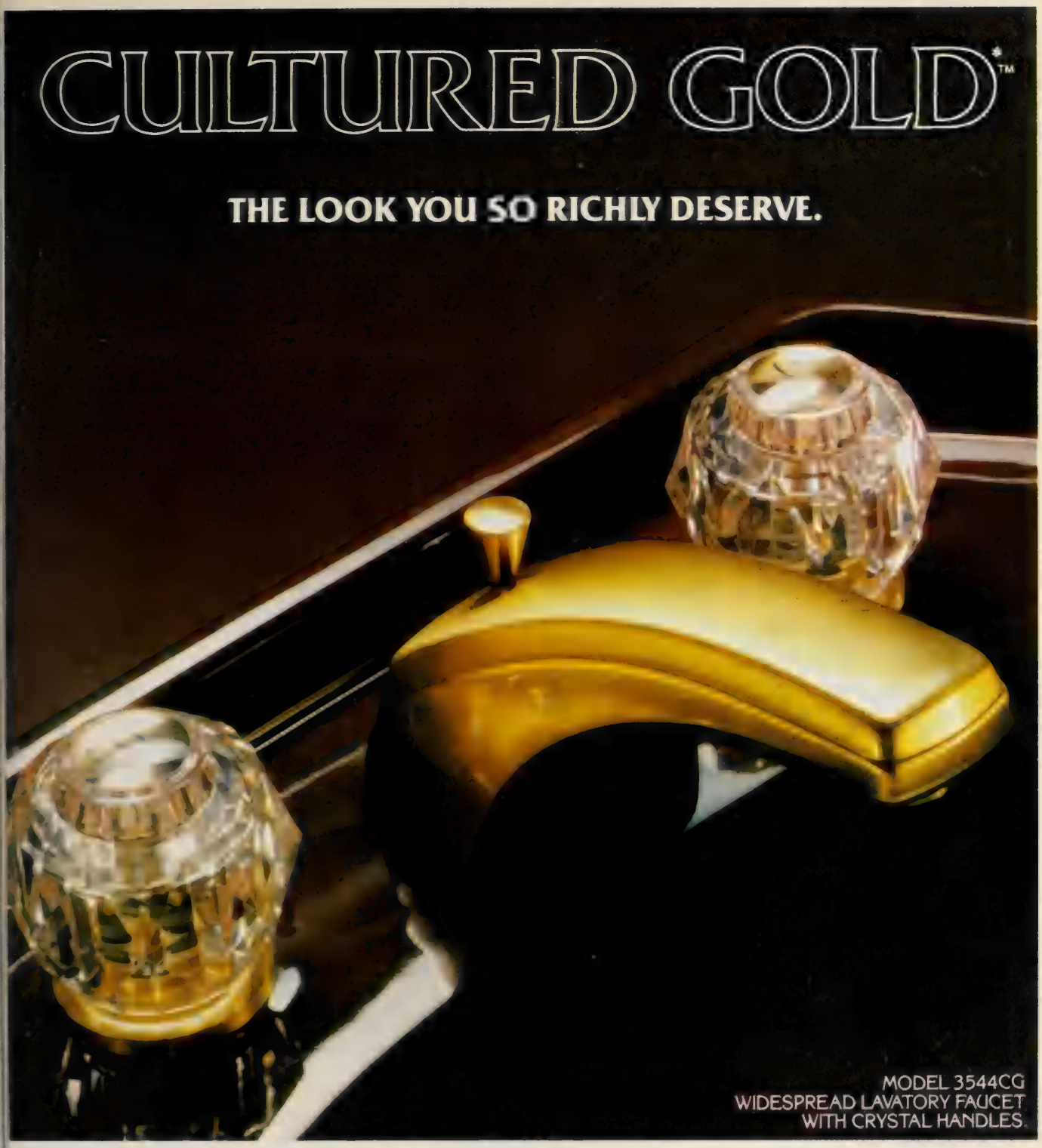

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three consecutive years and claims may be refiled to receive the new maximum.

Oregon takes away, but utilities give back

For Oregonians who use fuel oil for space heating, the weatherization credit of 25 percent to a maximum of $125 has been repealed as of September 1, 1981. Insulation, weatherstripping, caulking, storm doors and windows, and some furnace efficiency improvements completed before September 1, 1981, are eligible for credit on 1981 taxes.

For customers who use electricity or natural gas for space heating, this credit was repealed as of January 1, 1981.

But all users may apply to their space-heating utility for a cash payment that will equal what the state tax credit for weatherization would have been in 1981.

Utah now allows cash refunds

For alternative energy systems, Utah allows a 10 percent tax credit up to a limit of $1,000; your expenditure can be spread over five years. If any year's portion of this credit exceeds that year's tax due, you can receive a cash refund.

Washington extends tax exemption through 1987

Solar and alternative-energy property is exempt from property tax assessment until December 31, 1987. Exemption was to expire this year.

Other states: a review

The following states and the federal government have not made changes affecting the 1981 tax year. Here is a summary of incentives they offer.

Arizona's credit is still 35 percent to a maximum of $1,000 for active and passive solar, 25 percent to a maximum of $100 for conservation.

Colorado still offers a credit of 30 percent up to $3,000 for active and passive solar and alternative energy, and 20 percent up to $400 for conservation.

Idaho allows a 40 percent deduction from taxable income for active solar, alternative energy, and conservation measures in year of purchase; 20 percent more may be deducted per year for the next three years (up to $5,000 in any year).

Nevada has no state income tax but offers a solar allowance on property tax assessments.

The federal income tax credit remains at 40 percent to a maximum of $4,000 per year for solar and alternative energy expenses and 15 percent to a maximum of $300 per year for conservation costs.

For details and filing forms, check with your state department of taxation and revenue or your franchise tax board and your state department of energy. □

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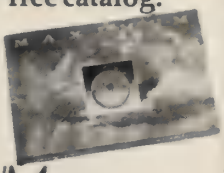

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DON NORMARK

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Combining *former kitchen and breakfast space produced a room that easily accommodates two cooks. Frequently used pots and pans hang from an antique metal grill above the electric range*

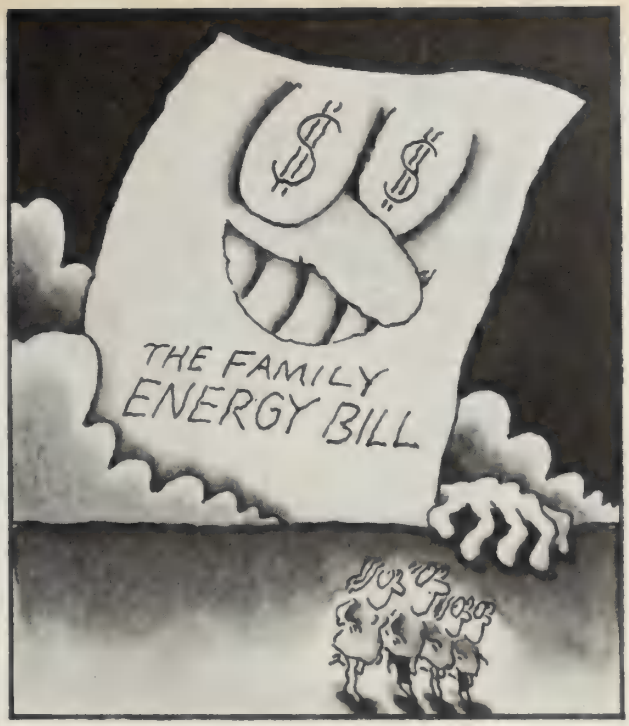
Microwave oven *sits in niche built to fit it, leaving counter below free and clear. "I'd give up almost anything other than counter space," Jill Brennan explains*

This big remodeled kitchen, which includes both a gas stove and electric surface units, has plenty of work space for two people who love to cook. It replaces a small, U-shaped kitchen typical of those in tract houses in the early 1960s.

Jill and Bob Brennan bought their house in Danville, California, in 1963. While their three children were small, the kitchen and nearby breakfast room were adequate. But two things changed: the children became teen-agers and both Brennans became serious and enthusiastic cooks. Suddenly, the kitchen was too crowded for comfort.

After removing a wall to combine kitchen and breakfast room, they built a 12-foot-long counter that turns a corner to become a generous breakfast bar, opposite the electric burners. A gas stove occupies a niche where the furnace and a hot water heater once stood (these are now in the garage). Above the breakfast bar, an antique grill is suspended from the ceiling; hanging on it from hooks are frequently used pots and pans.

Bob Brennan varied the greenhouse idea in designing two kitchen windows. Custom-made to fit the existing window openings, tinted glass bays framed in anodized aluminum extend 2 feet out from the house. The tiled countertop continues, like a sill, into both windows —extending the counter while visually widening the long kitchen, and providing an excellent spot to grow indoor plants. □



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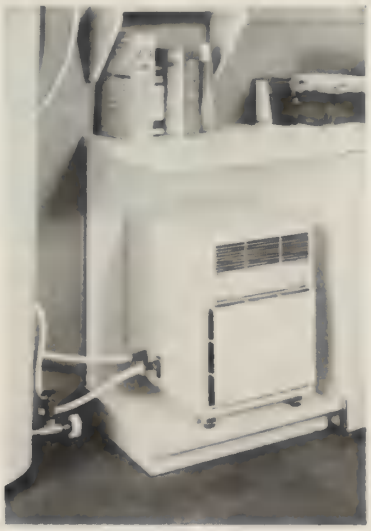

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Playhouse clamps around the redwood's trunk

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Burghardt started by centering and leveling the lower rectangle, then locked it in place with ½-inch threaded rods on both sides of the trunk. He ran the upper rectangle at right angles to the lower one, in-filled with 2 by 4's, and nailed on a perimeter of 8-foot-long 2 by 4's to provide a level support for the ¾-inch plywood floor.

A word of caution: what keeps this playhouse up is its tight fit around the tree's trunk. Redwoods grow fast and their trunks can expand a half inch a year. After several years, this steady constriction can become harmful. If you notice a visible bulge developing beneath the wooden crosspieces, you may want to loosen or remove the structure. □

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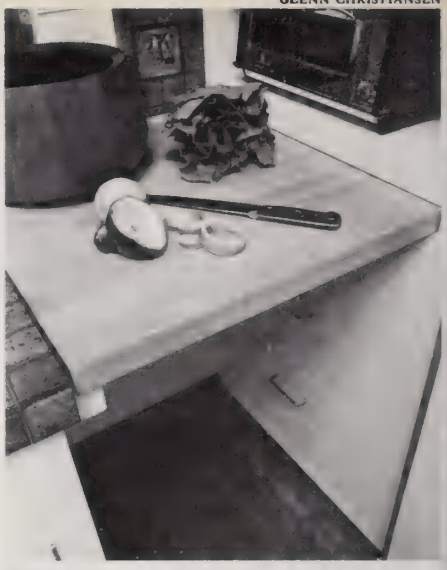
Each of these advertised items is readily available for sale as advertised.

GLENN CHRISTIANSEN



Sliding out *flush with tile counter, cutting board rests on a 2-by-2 lip; a dowel pin on the lip locks it in place*

Pushed in, *board allows drawer access*

Cutting board bridges the counter

A fixed counter would have made the corner of this Tucson kitchen useless for storage. So, to get a solid stable work surface, where it was needed, Ron and Eloise David incorporated this sliding chopping block into their remodel.

The 1½-inch-thick slab of maple slides across 21 inches to rest on a 2-by-2 lip. To secure the block to the lip, a ⅜-inch dowel glued into the center of the lip extends up ¼ inch to hook into a recess drilled to the bottom of the block.

When the counter is locked in place, it is flush with the top and front edges of the 24-inch-deep tiled countertop. When it's slid back, full access is afforded to the three drawers in the corner.

HOW THE NEW *Cimarron* BEATS THE IMPORTS AT THEIR OWN GAME.

	CIMARRON	AUDI 5000	BMW 320i	VOLVO GLE	SAAB 900S SEDAN
EPA MILEAGE RATINGS WITH STD. TRANS. HWY. EST./ EPA EST. MPG*	42/26	33/19	36/25	25/16	33/21
FRONT-WHEEL DRIVE	STANDARD	STANDARD	NOT AVAILABLE	NOT AVAILABLE	STANDARD
POWER-ASSISTED RACK AND PINION STEERING	STANDARD	STANDARD	RACK AND PINION ONLY	STANDARD	STANDARD
FOUR-SPEED MANUAL INCLUDING OVERDRIVE	STANDARD	STANDARD 5-SPEED	STANDARD 5-SPEED	STANDARD	STANDARD 5-SPEED
TACHOMETER	STANDARD	EXTRA COST	STANDARD	STANDARD	STANDARD
EPA PASSENGER COMPARTMENT VOLUME	89 CU. FT.	90 CU. FT.	82 CU. FT.	89 CU. FT.	89 CU. FT.
ALUMINUM ALLOY WHEELS	STANDARD	EXTRA COST	EXTRA COST	STANDARD	STANDARD
AIR CONDITIONING	STANDARD	EXTRA COST	EXTRA COST	STANDARD	DEALER INSTALLED OPTION
LEATHER-WRAPPED STEERING WHEEL	STANDARD	NOT AVAILABLE	EXTRA COST	DEALER INSTALLED OPTION	NOT AVAILABLE
LEATHER SEATING AREAS FOR FIVE	STANDARD	EXTRA COST	NOT AVAILABLE	STANDARD	NOT AVAILABLE
MSRP**	$12,131 (F.O.B.)	$11,540 (P.O.E.)	$13,105 (P.O.E.)	$15,590 (P.O.E.)	$12,700 (P.O.E.)

*estimated mpg for comparison. Your mileage may differ depending on speed, distance, weather. Actual highway mileage lower. e Cadillacs are equipped with engines produced by other GM divisions, subsidiaries, or affiliated companies worldwide. See dealer for details.

**ufacturer's Suggested Retail Price including dealer prep. as of 7/7/81. Tax, license, destination charges and optional equipment ional. Destination charges vary by location and may affect this comparison. *Level of standard equipment varies.*

For years foreign car manufacturers have boasted about their gas mileage, standard features and interiors. But now, there's a car that beats these imports at their own game. Cimarron by Cadillac.

As the chart shows, Cimarron has features the imports have, plus Cadillac comfort and convenience, with reclining body-contoured front bucket seats and genuine leather seating areas for five. Cimarron has front-wheel drive, just as the Cadillac Eldorado and Seville do. It comes with Cadillac's exclusively tuned, road-hugging touring suspension and a four-speed manual transmission including overdrive. What's more, Cimarron behaves like a civilized car should. Nimble . . . easy to maneuver . . . with a smooth, refined ride.

If you've been thinking about buying an import, it's time to re-think your decision. It's time for Cimarron. Now available at all Cadillac dealers.

Cimarron BY CADILLAC

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FOR A NEW KIND OF CADILLAC OWNER

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MOST QUALIFIE

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If you're in the market for true high fidelity sound, a pre-matched system is a good way to get it. Because it offers the sound quality of separate components and saves you the trouble of having to buy them piece by piece.

But not every pre-matched system is a good one to buy. Many are made by companies known for on one thing. Like speakers. Or turntables.

Syscom, on the other hand, is the high fidelity system built by the people who are famous for eve thing that goes into one. Pioneer. In fact, today Pione is the leading maker of virtually every kind of high fidelity component.

What's more, Syscoms components aren't mere

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ched. They're built for each other by Pioneer audio neers. This maximizes the system's performance results in sound quality often not even found in ems costing twice as much.

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So why would you even consider buying a high fidelity system from a manufacturer who knows how to build *some* of the components, now that you can buy one from the people who've perfected them all. Pioneer.

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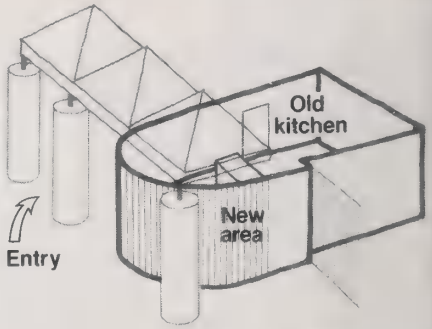
RUSS A. WIDSTRAND



Buffet counter *divides kitchen from new dining area. Light streams in through a 2- by 8-foot skylight just behind the overhead beam. Ceiling-level clerestory admits more light, while solid wall below conceals driveway just inches away*

Bold geometrics *meet in the front of this house remodel. A strong fascia separates three custom-made pyramids from columns and curving addition. Plexiglass pyramid over entry lets in light, keeps out rain*

Under the pyramids, curvy new dining area, bright new entry

Originally, the kitchen in this 1950s house was a 16-foot-long room with a conventional over-the-sink window looking directly onto the driveway. Beverly Hills architect Michael Rachlin knocked out its front wall, then added a semicircular dining area that ties into a new entryway.

Inside, a 6-by-12 beam strengthens the span of the new opening. Rachlin built outward from there, constructing a curving wall with an 8-foot radius. To avoid the driveway view, he made the new front wall a clean, seamless curve with a

A gift doesn't have to be expensive to make your child feel like a million.

Not when the gift is a Kodak camera. ecause when a parent gives a child a first amera, that child feels very special. And very nportant. The way you felt when someone ave you your first Kodak camera.

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They're easy on the pocket and just as asy to use. The way first cameras should be. Both cameras even take flash pictures!

Imagine the fun your children will have taking and sharing their own pictures. And imagine what wonderful memories they'll have of this Christmas.

Make this a special Christmas, with a gift that says: "Open me first."

Kodak Instamatic X-15F and Ektra 1 cameras. They're great for beginners.

Kodak

Eastman Kodak Company, 1981 Prices are subject to change without notice.

America's Storyteller

RUSS A. WIDSTRAND

Hard-working back wall *of kitchen houses appliances and storage*

12-inch-high band of glass bringing in light at ceiling height. To serve the curved plexiglass, wood stops were soaked in water until they could be bent to shape.

All appliance locations remained the same, but the old sink counter became an 8½-foot-long island. Rachlin backed it with a stepped-up counter, which hides sink clutter from diners' view and doubles as a buffet. On the kitchen's opposite wall, new appliances include a double oven built in at one end and a big refrigerator at the other. Rachlin set a cooktop into a butcher-block counter between.

Cabinet doors and drawers are oak tongue-and-groove 1 by 2's glued to plywood backing. All cabinets, including the oak-plywood ends and dining side of the island, were finished with a light-colored stain. Rachlin used a clear polyurethane sealer to protect the butcher-block countertops.

To bring light into the middle of the room, he installed a 2- by 8-foot skylight just beyond the former exterior wall. On opposite sides of the new dining area, two 2- by 6½-foot redwood-frame windows (one is visible in the top photograph on page 142), swing open to allow cross ventilation without forcing a driveway view.

Outside, Rachlin sheathed the new curve and the rest of the house with redwood tongue-and-groove 1 by 6's. The 2-foot-diameter columns are stuccoed plywood forms around 4-inch-square steel posts. Two 8-foot-square pyramids crown the semicircular kitchen addition; another shelters the entry deck, which is built right out to the edge of the driveway. □

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KLEENEX Dinner Napkins New Rich, Earthy Colors!

New cocoa brown and elegant tan colors blend with today's more natural decor and add an extra touch of elegance to your dinner table.

Softer, stronger and more absorbent than ordinary single-ply napkins, one KLEENEX two-ply dinner napkin lasts through an entire meal.

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- Extensive shopping in over 70 exclusive stores.
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Shown here is Karastan's Coronation, a thick plush fashioned of soil-hiding, static-controlled Antron® III nylon.

Karastan's Oriental design rug, Antique Bokhara, is woven of the finest worsted wool.

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JOSEPHINE COATSWORTH

J-screws *in 1½-inch dowels hold pots. Dowels run through 2 by 8's secured to ceiling joists and to a 6-by-6 post (the 4 by 6 with hole is a spacer). Design: Leo Egan, Point Richmond, California*

DON NORMARK

Fir 1 by 2's *inset between rows of 6-inch-square tiles are secured to studs with woodscrews. Pot holders are angled ⅜-inch dowels*

PETER O. WHITELEY

Meat hooks *on top row hold pots flat against wall-mounted rack made of 4-inch-wide pine baseboard molding. Lag screws hold rack to studs. Design: Doug Ballon, Palo Alto, California*

Pot danglers

Here are six ways to hang pots and pans . . . on the wall or to the ceiling . . . all made of wood

A dangling display of pots and pans on a rack is more than just a statement of serious interest in cooking. A rack is also a very practical way of storing awkward-size cooking hardware in an easy-to-reach location.

The six racks we show above and on the next page are all made of standard dimension lumber. Three are wall-mounted, three attach to the ceiling.

Since even a few pots and pans can quickly add up in weight (a 10½-inch cast-iron skillet weighs about 5 pounds), it is important that a pot rack attach to studs in a wall or a joist or beam in a ceiling. (A magnetic stud finder can help you locate a row of nails driven through wallboard into the framing.) Use wood-

Shown: Model 4285, 19-inch diagonal measurement with [illegible] control. TV picture [illegible] wood-grain cabinet simulated.

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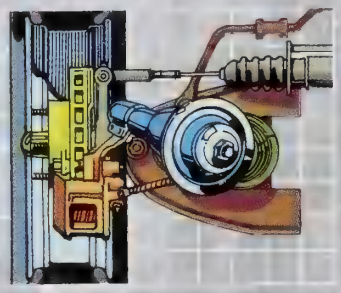
Whether you choose the simmer of Mustang L or the sizzle of Mustang GT, you can be sure of one thing: excitement is not far behind.*

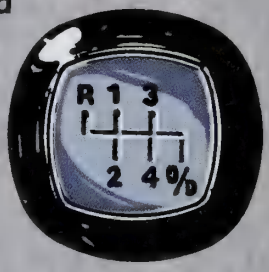
Engineered to hold tight to the turn.

Mustang, designed to move

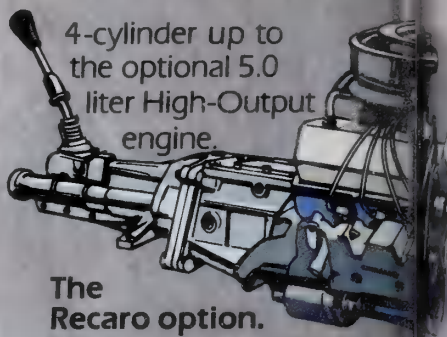


with precision, has rack and pinion steering, a modified MacPherson strut suspension up front, a 4-bar link rear suspension with coil springs and steel-belted radials, just in case you should find one of those twisting, winding roads that demands some real driver participation.

Your kind of sizzle.

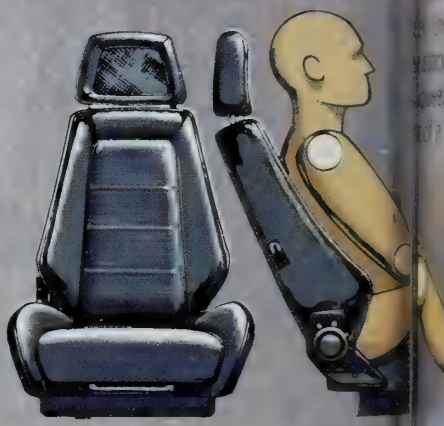


Inside Mustang's slick aerodynamic shape lives a finely engineered power plant. Choose from the standard 2.3 liter 4-cylinder up to the optional 5.0 liter High-Output engine.

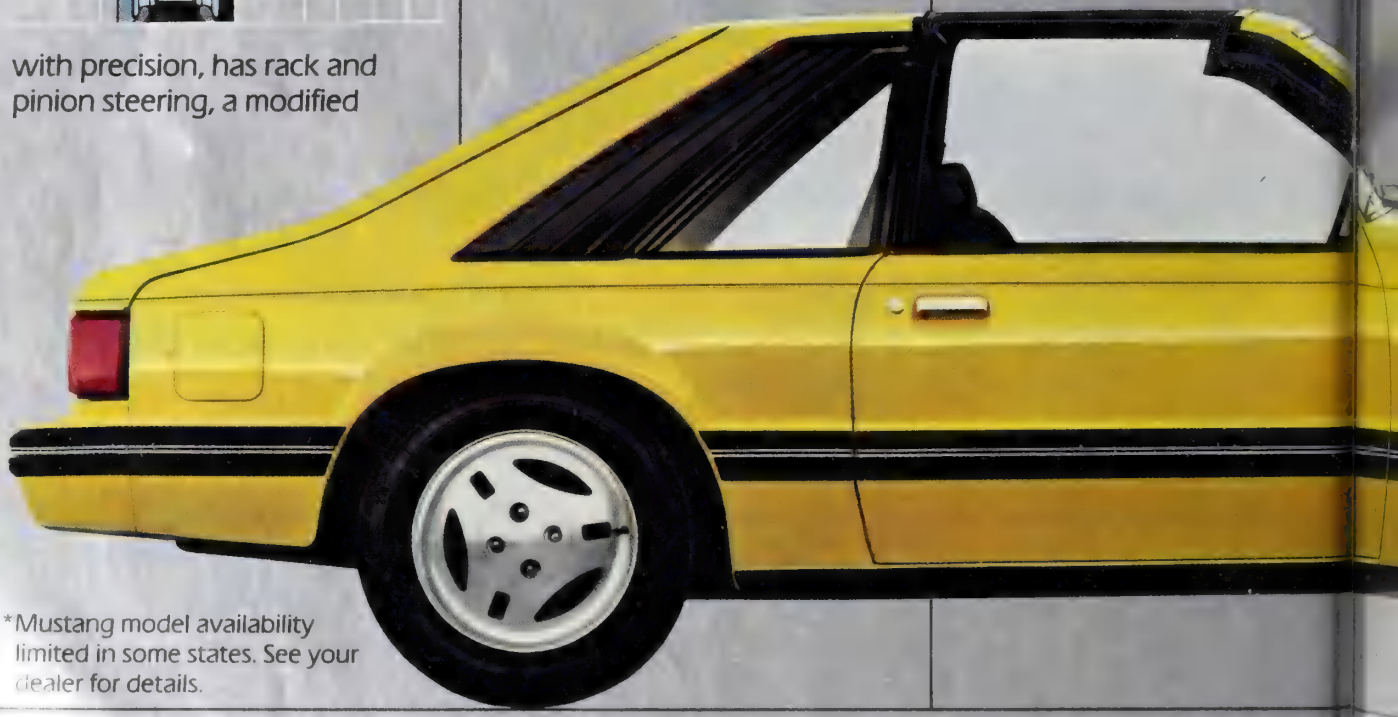


The Recaro option.

Recaro seats are designed for ultimate comfort.



These specially contoured seat provide excellent shoulder,



*Mustang model availability limited in some states. See your dealer for details.

LOOK OUT HERE COMES

side and thigh support, and additional lower back support. So we've got you covered for comfort.

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Mustang is aerodynamically designed to move ely through the streets while h standard 2.3 liter engine s jueezing every drop of fun of a gallon of gas.

33 22

EST HWY EPA EST MPG

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New sporty Mustang GT

Options. Whatever you choose, you're going to be right.

Inside Mustang you'll find impressive comfort and convenience. Maybe you'll go for the leather-wrapped steering wheel surrounded by an easy-to-read instrument cluster. Or maybe you'll turn up the heat with an AM/FM stereo

radio with cassette tape, coupled with Ford's Premium Sound System, then choose air conditioning to cool things down. But whatever you choose, you're going to be right.

And sometimes, we've even got you uncovered.

The optional T-Roof makes Mustang an excellent place to watch the world watch you back. Whether you buy or lease, see Mustang at your Ford Dealer now.

FORD MUSTANG

FORD DIVISION

WORLD
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Corridors of light

In six Western homes, these stairways gain daylight or open interior space

NORMAN A. PLATE

Thirty-two square feet *of skylight crown this stairwell spanned by ceiling beams*

JERRY FREDRICK

Open-to-the-sky feeling *comes from long slope of glass above this stairway. Steel frame supports the glass, which is tinted for sun control*

Stairways often receive short shrift in house design. Considered as just a way to get from here to there, they frequently wind up as dark vertical corridors. Not the six stairways pictured here and on page 156. These gain daylight directly from the outdoors, or share the light and space of adjacent indoor areas.

In the photograph at left above, taken in the home of Woody and Diana Dike of Laguna Beach, California, a standard 4- by 8-foot skylight drops light on the stairway. It sits atop a foot-deep box lined with the same tongue-and-groove paneling used on the stairwell ceiling.

In the San Francisco area hillside house directly above, a clean sweep of custom skylight illuminates the cascade-like stair linking three levels. Midlevel rooms on either side share the light flowing in. At night, tiny bulbs mounted to a center-strip fixture light the way.

Two examples use triangular windows, in quite different ways. The window you see

he piece shown (enlarged for detail) is available for about $2,250. The price may change substantially due to differences in diamond quality and arket conditions. Your jeweler can show you other diamond gifts starting at about $450.

A diamond is forever. De Beers

at right sends light up through open-tread steps and down into lower stairs as well. Sausalito architect Dennis Brown used salvaged planks for steps, supported on angle irons lag-bolted to the stair carriage members and to the wall.

At left below, a see-through glass panel replaces the solid end wall of a stairwell. Beveled wood stops hold the ⅛-inch-thick glass in place and a 2-by-6 rail adds rigidity.

To bring light into the windowless hall at the center of an attic remodel (center picture below), architect Lew di Sibio ran a 1½- by 20-foot skylight next to the roof ridge. The long skylight mounts to a wooden curb built up from the surrounding roofing.

At bottom right, two wedges of window at either end of a 3-foot-deep pop-out bring light into a landing. Architect Paul Zimmerman of Portola Valley, California, wanted to frame views of nearby oaks, but his solution would also work for a situation with privacy problems. □

Triangular, square, long and narrow... different answers to different needs

NORMAN A. PLATE

Triangular window *sheds light from below to upper part of staircase in David Kennen's house in Muir Beach, California. The open treads made it work*

DARROW M. WATT

Glass panel *at the end of walled-in staircase brightens her descent. Owner is David Kelly of Laguna Beach, California*

Remodeled attic *has long, narrow skylight along ridge. Fixed lights take over at night. Owners: Judy and Mel Weinert, Berkeley*

Wedges of windows *at sides of popped-out stairwell light landing of James Crockett's house in Portola Valley, California*

At the end of the rainbow, a Bennington teapot in silverplate and Sheraton spoon in stainless. Complete services at fine stores.

The silver cube. Our silversmiths' mark of excellence. Made in America.

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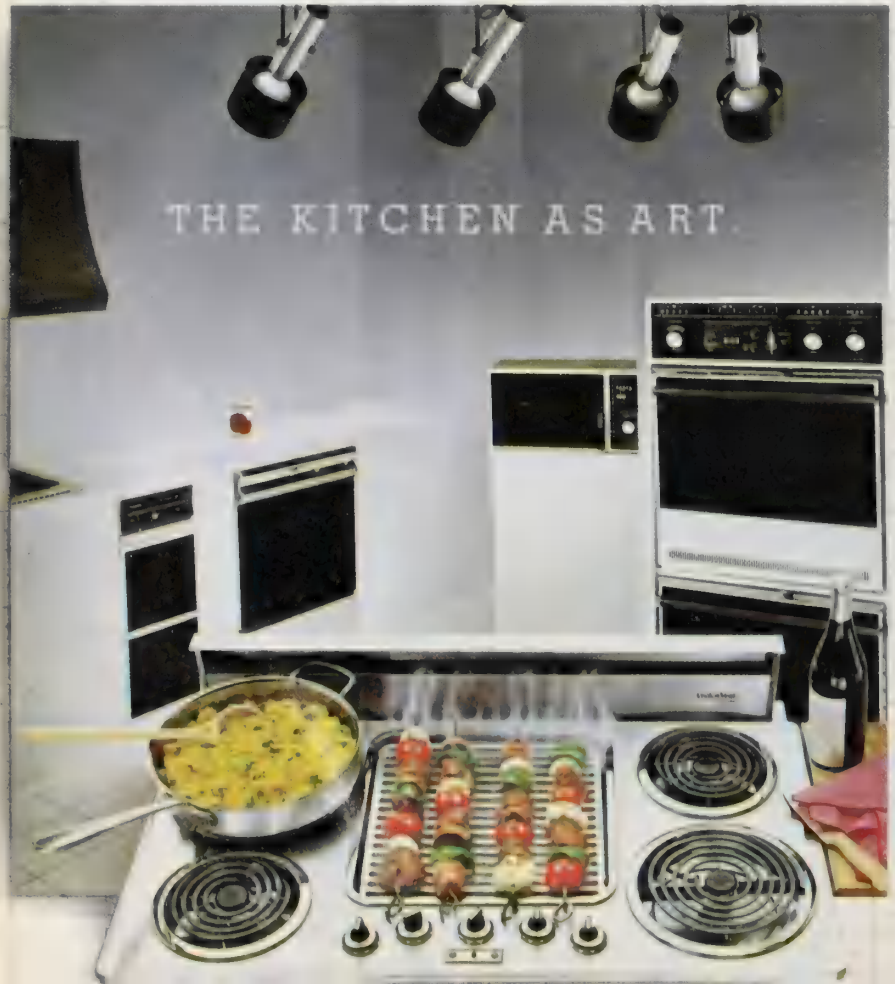
Dramatic roof line

GLENN CHRISTIANSEN

Inside and out, *house's triangular roof sections are formed by rows of prefabricated trusses, which were set in place upside down. Inside, bank of clerestories and points of both triangular sections are supported by another prefab—a tubular-strut joist that clears a span of 32 feet*



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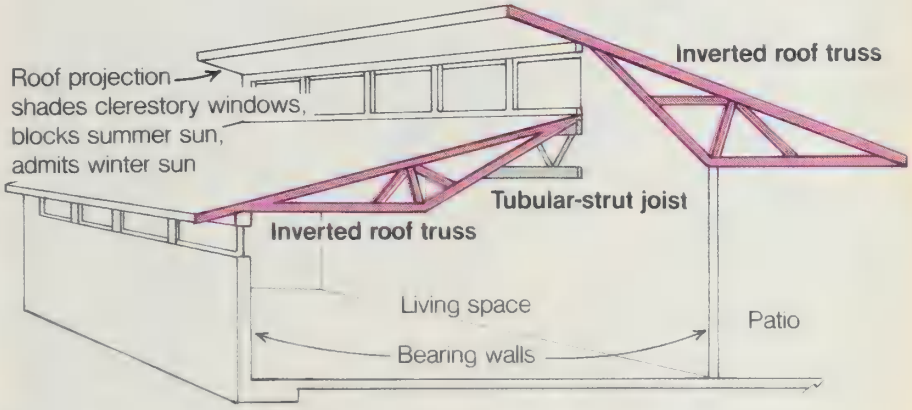
de-open interior . . . with prefab trusses, upside down

ıe bold roof lines and wide-open in-rior of this Tucson house come from variation on a remarkably simple build-g technique, which leaves the major or space completely open.

riangular roof trusses, one of the ongest forms that can be built from all-dimension lumber, are usually aced with their longest side forming a t ceiling line and the shorter sides rming the roof slopes. Designer Bill ansline installed two rows of trusses side down, as you see in the diagram right. The two rows are offset, allow-g a bank of clerestory windows to ing light and warmth into the center of e house.



Two truss systems, *a tubular-strut joist, and bearing walls support roof lines*

ıe lower edges of both truss sections n horizontally, creating a patio over-ıng and standard-height ceiling off the ulted central circulation space. The ng roof-forming edge of the upper ıss system extends up over the cleres-ries to shade them all summer long, yet let in the winter sun.

Balancing on a bearing wall, the upper truss system is secured where it meets the clerestories. The lower system has one end secured to a bearing wall and the other supported by a prefabricated tubular-strut joist that spans the center of the house. The joist works like a steel beam; it's capable of supporting and securing the trusses across a 32-foot open span.

All wiring and ducting for the spaces you see are contained within the web-work of the trusses. □

Thermador/Waste King Designer appliances available at these authorized dealers

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House of Sight & Sound
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DAVID STUBB

Vent pipes *for two island-mounted cooktops are housed in oval column*

Oak column hides cooktop vent

Installing a down-venting cooktop in a kitchen island is usually easy: the vent pipes can run straight down into the crawl space, then out the side of the house.

But where do the vent pipes go if your kitchen is built on a concrete slab?

That problem faced Portland craftsman Vilho Bjorn when he started to remodel Carole Sue and Phil Havener's kitchen. The Haveners wanted an island with two cooktops, plenty of storage, and a sit-down eating area. But they didn't want a large overhead hood that would visually intrude on the room. Their kitchen allowed enough space for the island, but there was no way to down-vent the cooktops.

Bjorn's solution was to run the vent pipes up through the roof. The pipes make a U-turn under the maple countertop, then run up inside a hollow oval column. Built from narrow pieces of ½-inch-thick oak, the column measures 8 by 15 inches. To break up the column's mass, Bjorn added a 3-inch-wide ledge for spices and hung a custom-made oval pot rack above it. □

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NORMAN A. PLATE

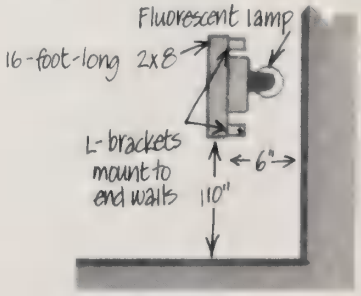
Hidden *by cedar plank mounted away from wall, fixtures cast light up, down*

Cedar plank conceals the light

Illuminating wall-hung art is often done with lights recessed in the ceiling. But an open-beam ceiling can present problems. Since there is no place to conceal a light, the usual choice is exposed track lighting.

An attractive alternative is this simple system designed by San Diego architect Peter Rodi. Here a 16-foot-long piece of rough-sawn cedar 2 by 8 screens two 8-foot-long fluorescent lights fixed to its back side. Mounted to the wall with L-brackets at each end, the board stands far enough out from the wall (about 6 inches) to cast light onto the framed photographs above and to backlight objects displayed on the sideboard below.

Owners are Melinda and Dick Barker of San Diego. ◻



Simple baffle, *attached with four L-brackets, provides indirect light*

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Joel Heeg, Pharmacokineticist, Pharmaceuticals Research, Dow Chemical U.S.A.

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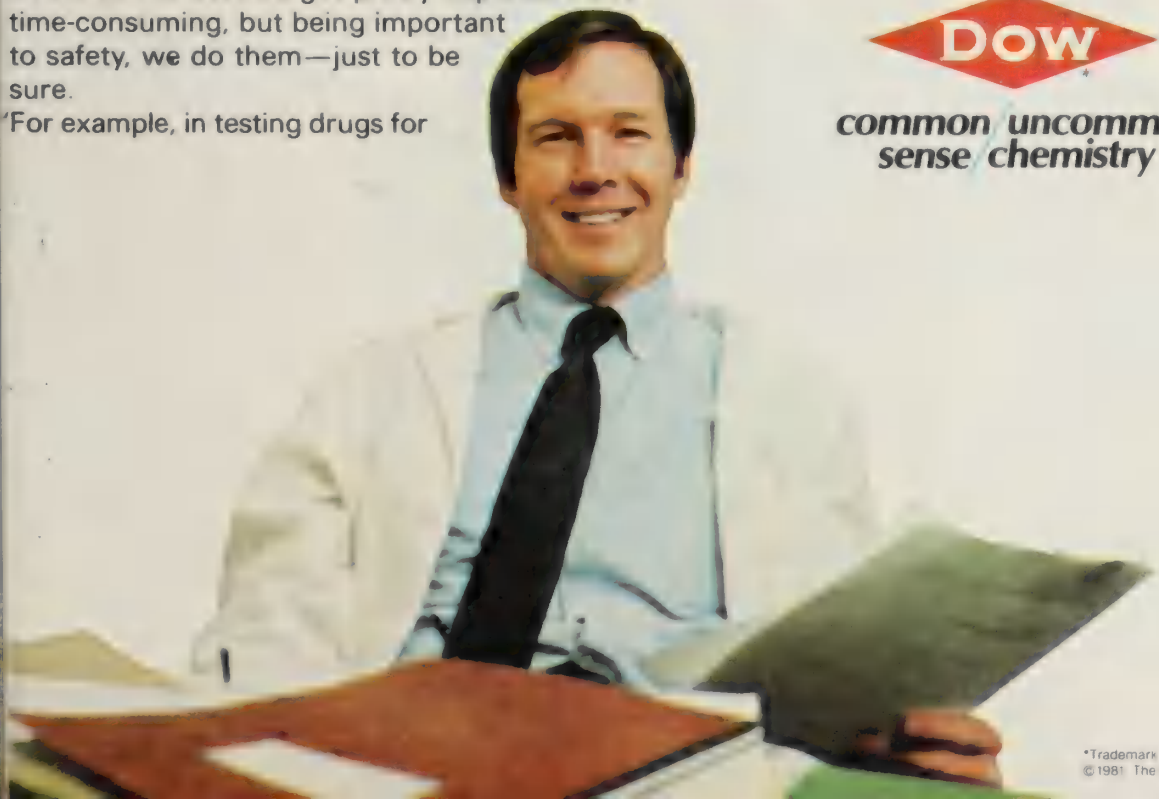

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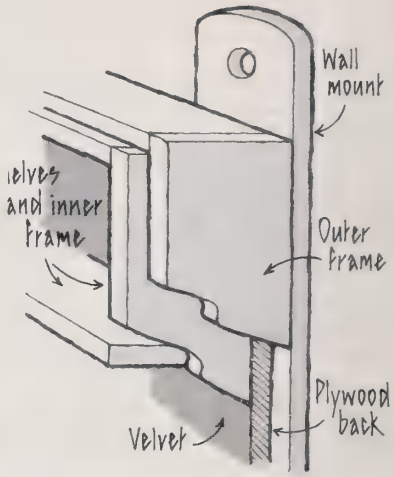
DARROW M. WATT

Wall-mounted organizer *has lining of black velvet to set off colors of thread. Sketch shows how outer frame overlaps plywood back and inner frame*



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Wading through the accumulation of bobbins and spools that clog sewing baskets can be a discouraging start for a sewing project. This mini-shelf thread organizer cleans up the confusion.

The 16⅝- by 20⅝-inch organizer has a velvet-covered plywood back and two frames made of pine lattice. (The inner frame and shelves hold the thread; the stepped-back outer frame masks the edge of the plywood.)

To build the organizer, you'll need 2 feet of 5/16- by 1 3/4-inch pine lattice, one 16- by 20-inch piece of ¼-inch plywood and one of black velvet; ¾-inch finishing nails; and white glue.

Start by cutting the lattice to size. For the inner frame, cut seven 19⅜-inch lengths (for top, shelves, and bottom) and two 16-inch lengths (for side pieces). For the outer frame, cut two 20-inch lengths (for top and bottom) and two 16⅝-inch lengths (for sides). Cut two 17½-inch lengths for wall mounts.

Fix the velvet to the plywood back piece with a thin coat of white glue. Assemble the inner frame so the upper shelf is 3 inches from the top and other shelves are about 2½ inches apart. Place the inner frame face down, position the plywood fabric side down, and nail the plywood to the frame from behind.

Glue and nail the outer-frame pieces in place, countersinking the nail heads. Fill nail holes with wood putty, then sand. Before adding the two mount pieces to the back, round one end and drill a ⅜-inch hole ¾ inch from the end.

Attach to wall with pegs or screws. □

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Children's art lasts, is colorfast. Great on aprons

The refrigerator door is often the gallery for children's art—until paint fades or paper crumbles. But drawings done on fabric with special crayons or pastels and fixed with a hot iron are permanent and washable. These decorate the aprons in our pictures.

Look for iron-on crayons or pastel dye sticks in art supply stores, hobby shops, or yardage stores. To make the colors stand out, choose white or light-colored cottons or cotton blends. Wash fabric to remove starch or sizing. Dry and press it before using.

Follow directions on package for coloring and fixing crayon or pastel. Although the crayon package suggests drawing designs on paper first, then transferring artwork onto fabric with the iron, the direct process recommended in the caption below works just as well. Be sure to protect ironing board from bleeding colors with several layers of newspaper, and sandwich artwork between sheets of clean white paper before pressing.

Art onto aprons. White chef's aprons are available for less than $10 in some restaurant supply and gourmet-cookware stores, but you can also stitch the drawings onto aprons you make yourself.

On the children's aprons shown below at right, we used one design as a pocket and waistband, another centered on the front. Ties of grosgrain ribbon run through a channel at the top. □

MARGARET W. PETERSON

Mouse hunter and unabashed giraffe, *drawn by children, make giant pockets for these chef's aprons. They were framed with colored bias tape, then stitched on*

Young artists *use fabric crayons and pastels to color designs on pieces of white cotton. Masking tape holds fabric taut on cardboard backing. Cover finished drawings with clean white paper; press with a hot iron to fix color*

Self-announced *"Jennifer the Cook!" shows off finished artwork-on-cotton. Gaelyn, aged 4½, and Clayne, aged 6½, wear their fabric drawings on finished aprons*

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CALIFORNIA

PETER O. WHITELEY

Solid oak *extension table ($390), and spindle-back oak chairs ($84 each) come assembled and ready to finish*

Shopping for quality in unfinished furniture

Unfinished furniture sold in stores in the past was often built with the fastest, cheapest mass-production materials and methods. Look again. Today, good-quality materials and craftsmanship seem to be the rule rather than the exception. Solid-wood unfinished furniture now comes in a wide selection of styles and pieces, in many different woods, assembled and ready to be painted or stained.

At an unfinished-furniture store (listed in the yellow pages under Furniture—Unfinished), you'll find desks, tables, chairs, sideboards, bookshelves, couches, and beds. Most dealers have samples of the styles on their showroom floors; some also have catalogs for ordering additional items.

The choice of woods is impressive: red oak, birch, maple, and pine are the most common, with a smaller selection of pieces in teak, lauan, walnut, ash, and Douglas fir. Most pieces we saw were assembled and partially sanded. A light sanding is all that's necessary before you apply the final paint, oil, or stain.

Hardwood furniture (oak, birch, maple, teak, mahogany, walnut, and ash) is usually made entirely of solid, clear, kiln-dried lumber. Joints are doweled and glued, and there are no patches, knots, or machining irregularities. Softwood furniture is generally of a lower quality, with more use of hardboard and particle board. Joints are often stapled or nailed, and the pieces may include

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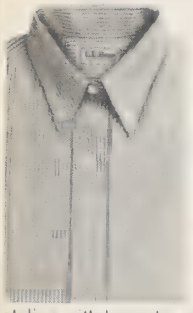

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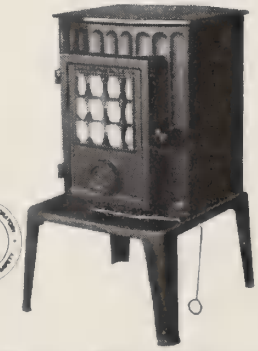

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PETER O. WHITELEY

Dovetailed joint *in drawer is one indicator of good construction*

knots and patches. An obvious clue to quality is in the price of the furniture: better materials and workmanship will cost you more.

Here are some specific things you can check if you're shopping for unfinished furniture:

What to look for

In furniture with drawers, dovetailed joints and side-mounted extension guides are often signs of good quality. On extension tables, look for pegs in the leaves; they align better than metal tabs. Cleanly cut edges and moldings are always welsome signs.

Things to avoid

Examine turned pedestals and legs for machining irregularities or burn marks. Sometimes these can be sanded out, but it means a lot of work—and extensive sanding can change the contour of the piece. Also avoid large areas filled with wood dough: stain penetrates these patches unevenly and can leave an unsightly spot. Stapled joints and large knots are other potential trouble spots.

Be cautious with hardboard and particle board: they're less durable than solid wood. Because they're much less expensive, you can expect to find them used more often as lumber prices soar.

Always examine each piece before you buy it. And get a commitment from the dealer that allows you to return a piece if you find defects after you get it home.

Final touches

Many stores have finishing information and supplies for sale along with the unfinished furniture. Some can arrange to have furniture finished by an outside company, at an additional charge. And a few stores also stock furniture in finished form, but the choices are limited.

If you're uncertain about how to finish a naked table or chair, a helpful guide is *Sunset's* book *Furniture Finishing & Refinishing* (Lane Publishing Co., Menlo Park, Calif., 1977; $3.95). □

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NORMAN A. PLAT

Hard edges *of counter, cabinets, and refrigerator surround create a polished look. Addition starts beyond lowered ceilin*

Wide-open kitchen . . . crisp, uncluttered

Out-of-sight work center *to right of refrigerators has pull-out maple cutting board and three open-shelf storage areas; spice shelves are glass-backed to bring in light*

"A kitcheny atmosphere" was the las thing interior designer Kuniko deWees wanted when she remodeled the kitche in her Portland home. Instead, sh wanted a crisp, bright, and unclutteree space to go with the rather sleek-lookin open dining area.

The compact new kitchen was buil where a 10-foot-wide deck once con nected the carport to the house. (The ol kitchen, which occupied the space of th present dining area and looked out upo this deck, was completely removed.)

One design challenge was finding a wa to incorporate stairs leading to a lowe level. DeWeese's solution was to brin her two refrigerators forward into th room and encase them in an open-face box. The back of the box is a stairwel wall, its top displays plants, its side nea the back door masks the refrigerator from view as you enter the kitchen, an the other side becomes a 5-inch-dee shelf for storage cans and bottles. Hole in the box's top help vent heat from th

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NORMAN A. PLATE

ree vertical drawers *form a mini-pantry. e big door closes to mask all three*

rtain tucks *out of the way 5-inch-wide space behind ll-hung cabinet near sink*

o refrigerators.

viding kitchen and dining areas is a by 9-foot counter. On the dining side, s counter has the look of a Parsons ble, and four rattan stools tuck under- ath its top. Shallow drawers under the oletop contain place mats, napkins, d tableware.

e brightness of the kitchen comes om a 4- by 6-foot skylight set into the ed-roofed addition and from the white counters, walls, and floor. (Plastic minate faces all the cabinetry; floor d countertops are ceramic tile.) □

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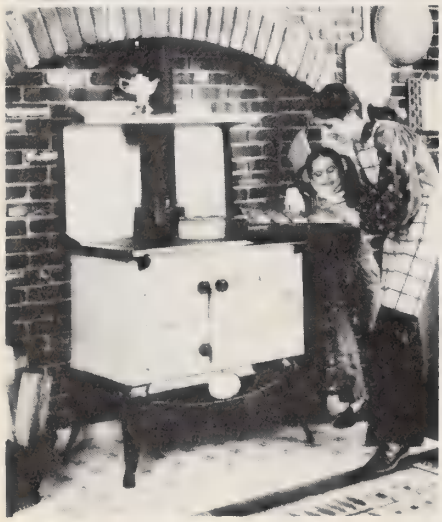

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DON ZINGAL

Before. *Derelict two-car garage held potentially useful space for its now one-car family*

After. *Unroofed cutout opens hot tub to sun, stars; deck is for sunning. Driveway is at left*

DAVID STUBB

Garage remodel: one car, hot tub

What does a one-car family do with a two-car garage? Sacramento homeowner Don Zingale decided to use the extra space for something enjoyable: a hot tub.

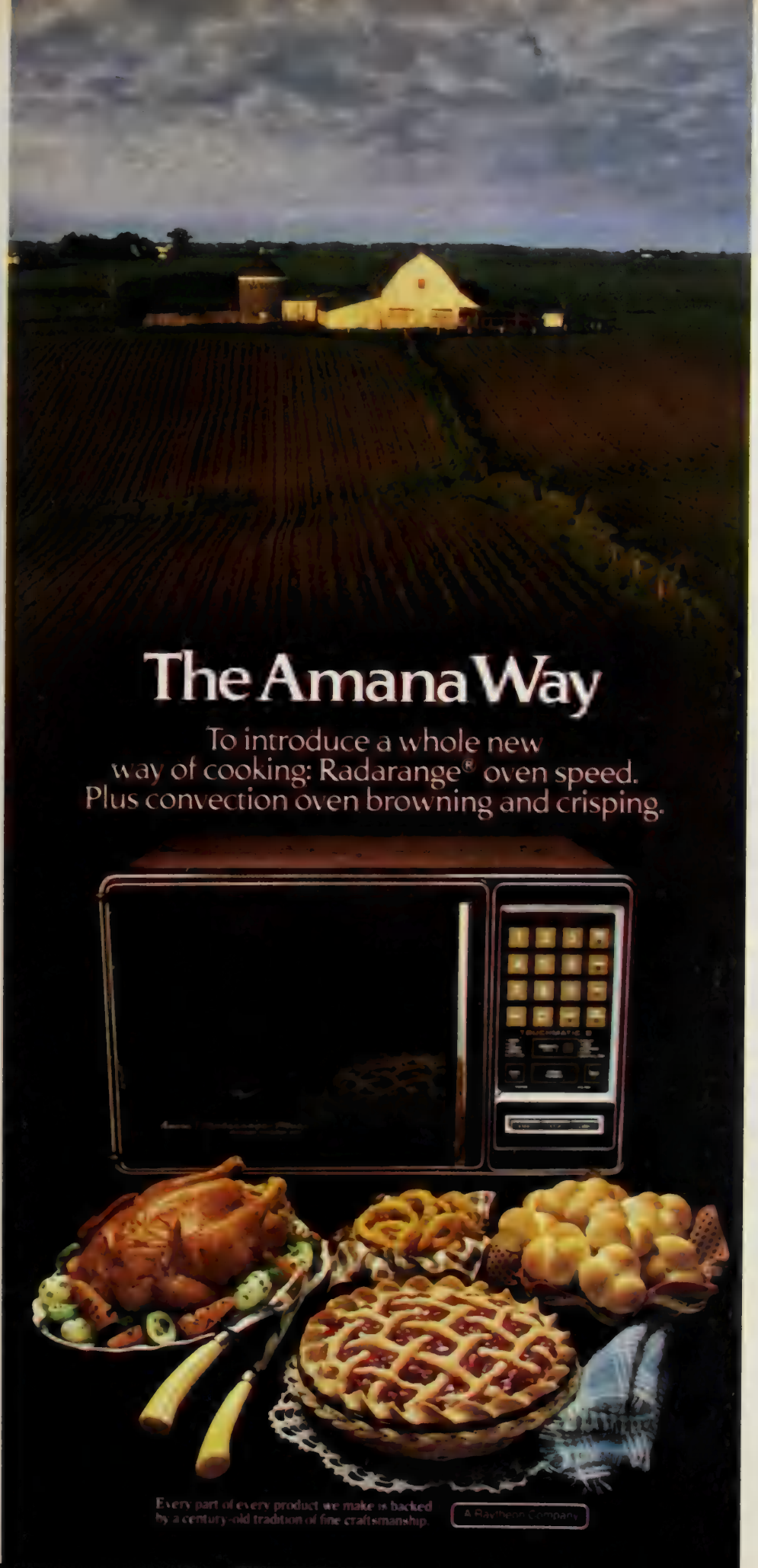
With an investment of $6,500 and his own labor over 24 weekends, he gained indoor potting space, an outdoor alcove with hot tub, and a two-level deck.

The hot tub area occupies half of a former car stall. It's paneled in redwood, oriented to the south, and open to the sky. The steps that lead up to the lip of the tub can be used for seating.

The other half of the stall remains enclosed. It contains a workbench, tool storage, and a potting area—accessible through a new Dutch door.

Decking out front provides an attractive back-yard relaxation spot. □

Redwood bleachers *around tub allow no-stoop maintenance, ample seating*



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RCA

We'll Open Your Eye

GLENN CHRISTIANSEN

Open-joint wallboard *attached with screws creates high-tech look. Foot-wide stripe is wool-wrapped insulation board*

Showing off wallboard

The revealed edges of gypsum wallboard create a dramatic wall pattern in this Portland remodel. Designer Martin Davidson used ⅜-inch square-edge wallboard over an existing wood wall. Instead of butting the sheets against each other, he spaced them ⅜ inch apart. To highlight the seams, Davidson placed silver-gray duct tape on the walls before the sheets were added. Then he attached all sheets with oval-head screws set in countersink washers.

To add another graphic element, Davidson attached 12- by 48-inch panels of fibrous insulation board wrapped in light gray fabric in a band around the room. The band serves as a bulletin board.

In some rooms, gypsum board joints must be taped and mudded with gypsum compound to create a fire barrier, so check with your local building department before adopting this idea. □

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Well! Shall we -uh- join the ladies for a little Riunite?

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COMMUNITY ACTION:

This year a shovel brigade, someday a small forest

Last-minute instructions *are given to elementary school class about to break ground for a new forest*

BILL ROS

Milk cartons on the march: *these youngsters are carrying seedlings to the planting site*

Until a year ago, it was a bleak garbage dump and former oil-drilling site, a grassy, treeless hillock to one side of the San Diego Freeway just north of Los Angeles International Airport.

A few years from now, it will be a small forest—thanks to an unusual collaboration of volunteer efforts and funds from a relatively new California program to promote urban forestry. In fact, the Baldwin Hills project is only one of 70 different projects across California supported in whole or part by one-shot grants of $1,000 to $50,000.

Carpeting the Baldwin Hills. In 1980, the TreePeople, a nationally recognized volunteer conservation group, teamed up with the Human Services Department of Culver City to plan the revitalization of a large swath of the Baldwin Hills as part of a 1,385-acre county park project.

On concept approval, the state forestry department provided $24,000 start-up funds.

Then the volunteer effort began in earnest. The goal was to involve the entire Culver City community.

The city's schools, from elementary to high, bussed children class-by-class out to the planting site, where they took seedlings and hoes in hand to leave a growing legacy. Police, fire, and other city departments joined in the planting shifts, as did private businesses and citizens of all ages.

Eventually, over 5,000 people planted around 3,000 trees. This involved digging holes for seedlings of smog-tolerant redwoods, Canary Island pines, and myoporums. These were propagated and readied for planting at the TreePeople's headquarters—10 acres leased from the City of Los Angeles in Coldwater Canyon Park.

The planting schedule continues, as does the critical follow-up watering of the planted hillsides by TreePeople volunteers, community residents, and Boy Scout troops from the surrounding area.

Getting $$$ help. Besides the Culver City folks, California's Urban Forestry Program, begun in 1978, has involved nearly 100,000 Californians planting over 100,000 trees from Eureka to El Centro.

Urban forestry refers to the science of planting *and maintaining* greenery in cities and towns. Beyond that, the California program looks for innovative proposals, such as planting trees to reduce heat loss or heat gain, to provide food or fuel, to help purify the air, perhaps to reduce noise. Since most of its grants are nonrenewable, it also looks for community commitment.

For application forms, write to the California Department of Forestry, 1416 Ninth St., Room 1540-22, Sacramento 95814; or call (916) 322-0109. Most Western states have similar but less extensive programs; for news of them, call or write to the nearest office of the U.S. Forest Service. ▫

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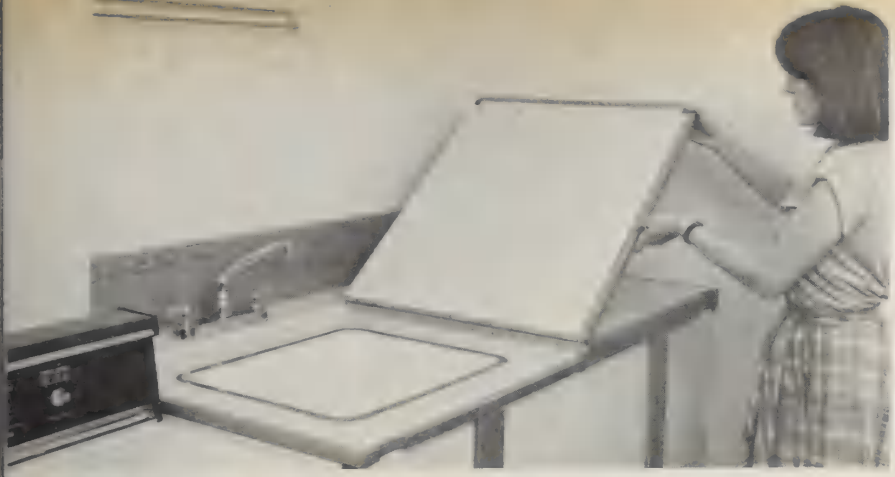
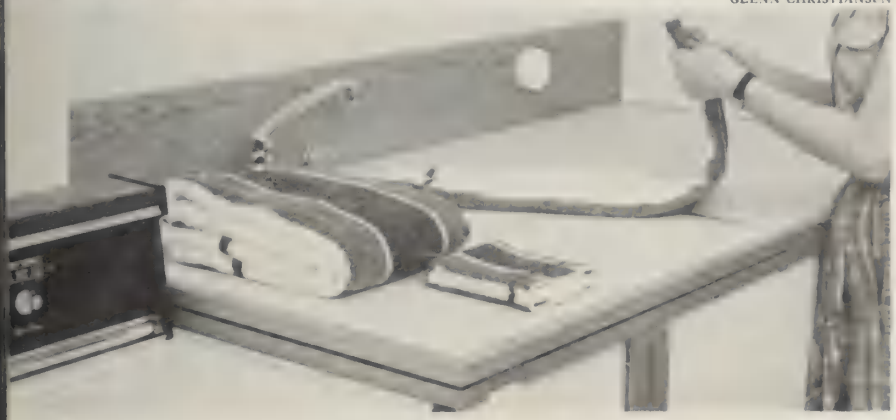


winging panel flips over *to cover laundry sink, providing a long, flat work counter. 'nk spigot swivels out of the way so the panel clears it*

GLENN CHRISTIANSEN



Hinged panel converts an open sink into useful counter space

Doubling the counter space in this Tucson laundry room is the hinged panel you see above at left. Architect Judith Chafee designed the two-sided surface to serve as a sink-side counter when it's folded back. When more space is needed, the panel swings on a piano hinge to cover the sink.

The panel and adjacent counter are ¾-inch plywood covered with white plastic laminate. Vertical-grain Douglas fir faces the edges; notched handholds along the front allow you to grab the edge of the swinging cover. □

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DARROW M. WATT

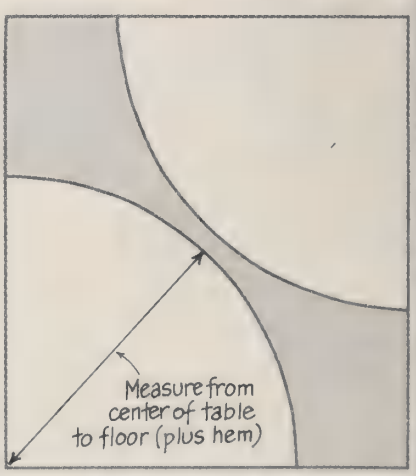
Giant tablecloth *fits 84-inch-diameter table; it's made of four sections cut from king-size sheets*

Two sheets make king-size tablecloth

Because they offer generous fabric widths at relatively low cost, king-size sheets are good choices for making a large round tablecloth like the one pictured here. It's made by sewing together quarter-rounds cut from two king-size flat sheets (total cost: about $36) and covers an 84-inch-diameter table; measurements can be adapted to fit a slightly larger or smaller table.

To make the cloth, lay one of the sheets flat on the floor and fold it diagonally so stitching along hem lines up with selvage. Trim hemmed edge even with selvage edge. Open sheet and fold other hemmed end over diagonally in the same way; cut hemmed edge even with selvage. Repeat on the second sheet.

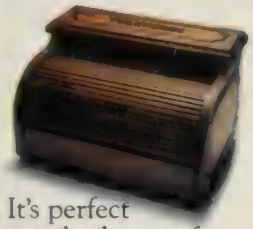
Measure the radius of the tabletop plus table height plus ¼ inch for hem. Use a wire (or metal measuring tape or straight stick) at least that length as a guide to mark radius on the cloth. Have another person hold one end of the wire at the corner of the sheet; pivot wire, marking the outside of the quarter-circle with chalk.



Hems trimmed, *each sheet yields two large quarter-circles*

Cut out the quarter-circle and use it as a pattern to cut out other three. If you wish, use leftover sheet to make napkins. Machine-stitch two quarters together to make a half, allowing a ½-inch seam. Stitch halves together; pink seams to about ¼ inch, then press flat. Lay cloth on table to check its length; trim if necessary. Turn under and machine-stitch a ¼-inch hem around cloth bottom. (For an easier but less durable finishing, pink the bottom edges instead.) □

Give the phone that shuts up when you finish talking.



Talk about a great gift. When you hang up, the Stowaway® telephone shuts up inside a solid wood chest. It's perfect for places where other telephones look out of place, because it doesn't look like a telephone.

The chest comes in three decorator styles: Mediterranean, contemporary oiled walnut, or a new rolltop model. When not in use, the cord even disappears into the base. With the lid closed, no one would ever guess that there's a phone inside.

The Stowaway telephone adds a touch of class to any home. It's just right for the living room, study or bedroom. It's the perfect gift for people who think phones should be heard and not seen. Buy one for the holidays at your Bell PhoneCenter Store. *The Stowaway telephone by Western Electric.*

IT'S FOR YOU

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The Stowaway telephone is subject to local availability.
With certain hearing aids, the Stowaway telephone may require an adapter, available from your Bell telephone company.

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And a Masters Collection Ceiling is so easy to install and so easy to afford. All materials for a 10′x12′ ceiling come to under $200*.

*Estimate based on manufacturer's survey of retail pricing.

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See next page for special rebate offer!

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The retailers listed below are featuring a special offer from Armstrong on purchases made from October 12 through November 21, 1981.

Buy 150 square feet or more of an Armstrong Chandelier, Headliner, or Masters Collection™ Ceiling, and you'll receive a $10 rebate from Armstrong.

And when you buy Armstrong ceiling grid or Easy Up™ Tile Installation Kits to install the ceiling, you'll get an *additional* $10.

For complete details, see one of these participating Armstrong retailers.

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The Changing Western Home®

JOE CONGDON

Ironing out your paint problems without buying a special lamp or blower

Heat makes it easy to remove cracked and peeling paint from around windowsills, frames, and house trim. There are heat-producing lamps and blowers for this purpose, but one of the simplest and least expensive devices is the one used by Joe Congdon of Cayucos, California: he irons off the paint with an old clothes iron.

Besides the iron, you'll need an extension cord and a stiff-bladed putty knife or scraper (a glazing tool is ideal). Turn the heat to the highest setting and move the iron back and forth over a few inches at a time. Follow closely with the scraper to remove the paint just softened.

Some paint may stick to the iron as you work. You can also use the scraper to clean off the iron.

GLENN CHRISTIANSEN

Perfect sink for a tiny bath

There was no chance of fitting a full-size sink into the new 3- by 6-foot bathroom in Linda and Don Desimini's Portland house. But designer Ralph Cereghino did buy a standard sink—one made for a wet bar. The 8½- by 12½-inch bar sink, which is plenty big enough to wash up at, tucks neatly into the room's only free corner.

MICHAEL THOMPSON

The cassettes are hiding up in Kodiak

This sneaky cabinet in Marcia and Reed Oswalt's house in Kodiak, Alaska, keeps a jumble of cassette tapes out of the way, but it could just as well be used to hide the family jewels—you'd never know the hidden storage area was there.

Their medicine cabinet-size case, made of custom-milled spruce, has four 4-inch-deep shelves for displaying small art objects. It's covered by a glass door; the frame of this door covers the hinges that give access to the storage nook. The rear storage area is also about 4 inches deep but is not divided by shelves.

NORMAN A. PLATE

There's a fire under this big shelf in Tucson

"We computed the size and height of the flue and the height of the mantel by the size of the fire area. Then we crossed our fingers and hoped it would draw."

Robert and Jackie Slotkin are now delighted with the wide-open fireplace architect Bob Swaim designed for their house, but the above statement reflects their initial reaction to his wide-open design. The fire "box" sits under the middle of a 14-foot-long poured-in-place concrete shelf that works as a serving counter for large gatherings and as a display platform for a collection of kachina dolls.

Under the shelf is a conical hood of heavy sheet metal. It leads smoke up to the triple-wall insulated flue clad in stainless steel.

Custom-designed tiles face the front edge of the shelf.

G. KARL BISCHOFF

Framing the laundry chute

Since their three children are prolific producers of dirty clothes, Judy and Tim Moriarty of Watsonville, California, wanted to make it easy for the children to get their soiled garments to the laundry room.

They cut an 11- by 14-inch opening in the wood-paneled hallway leading to the children's bedrooms. Then they mounted the cutout piece of paneling to plywood and put hinges on the back, so the cutout hangs flush with the wall. A commercially made 11- by 14-inch picture frame surrounds the opening, so the laundry chute blends in with the many framed pictures in the hall.

In Seattle, Don Hogue covered the opening to his laundry chute with a standard ready-made dog door. The flush-mounted door has a clean look, and its rubber flap has magnets that seal the chute tightly when it is not being used.

Ready-made wheels for homemade toys

It's not easy to make perfectly round hardwood wheels with exactly centered axle holes. Now you can buy them in sizes from 1 to 2½ inches in diameter, with predrilled holes, for 20 to 50 cents apiece. For a catalog, send $1 to Cherry Tree Toys, 2547 Eighth St., Berkeley 94710.

PETER G. WHITELEY

PETER O. WHITELEY

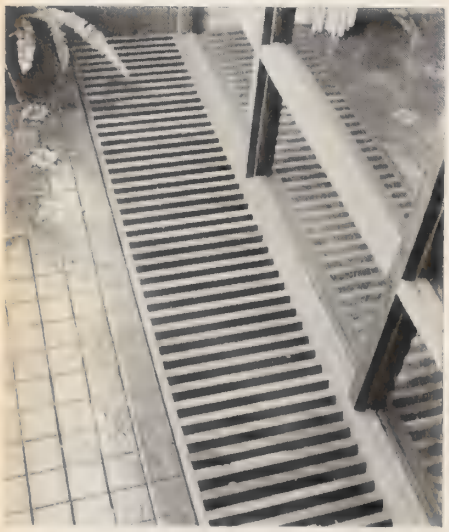
Geometry *of second-story solarium (above) was determined by octagonal spa*

Second-story spa and sun room

A second-floor solarium with an octagonal spa gives owners Donna and Dick Barcus a private place to relax. And because it faces south, the solarium contributes much of the winter space heating in their Huntington Beach, California, house.

Part of a three-room addition by Laguna Beach architect Jim Henry, the solarium was designed to heat and cool itself with a double-vent system tucked under the eaves. In summer, heat exits through dormer vents placed above the solarium. In winter, a duct with a fan draws heat from the room and delivers it to downstairs living spaces.

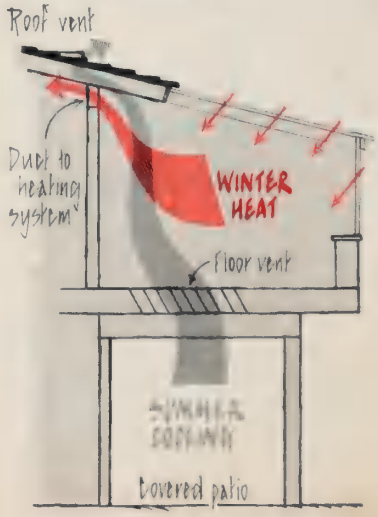
The considerable weight of the solarium is carried by a 6-by-12 beam mounted to four steel posts set in 4-foot-deep concrete footings. □



Wooden grate *in solarium floor masks operable vents opening to patio below*

Over pocket door *are two parallel sets of ducts: one vents out, the other lets heat in. Hinged flap covers one set or the other; here it covers upper set*

Sketch shows *heating and cooling cycles. In summer, cool air is drawn through floor vents, windows*



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The Taste of the Holidays

During the holidays, the kitchen is the heart of our Sonoma Valley home. Here, the marriage of wine and food fills the air with wonderful aromas and memories of vintages past. This year, I have asked my mother, Sylvia, and my wife, Vicki to share some of their holiday recipes with our friends. If you will drop me a note at the address below, I will be happy to send these to you.

From my family to your family . . . Buon Natale!

Sam J. Sebastiani

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DAVID STUBBS

Sink counter *faces new greenhouse addition. Original corner posts remain at right, at end of counter*

Glass box *added only 36 square feet of floor space but dramatically opened dark kitchen*

Glass box opened a small, dark kitchen

The simple addition of a 6- by 6-foot glass box to this house in Palo Alto, California, did much more than add breakfast and desk space; it finally brought natural light into what had been an incredibly cramped and dark kitchen.

Designer Tom Mead removed an L-shaped section of exterior wall and added the two glass walls and shed roof. This opened the sink counter to the new greenhouse space; the cabinet back was faced with oak to match existing cabinets. Quarry tile flooring holds heat in winter; during summer, the glass roof is covered with bamboo blinds to reduce heat gain. A Dutch door leads out to a back patio. □

"My Maytag Washer's dependability is the reason I also got a Maytag Dishwasher," says Mrs. Hartman.

"12 workhorse years... but that washer has only had 2 repairs."

"I think the best salesman you have for a Maytag Dishwasher is a Maytag Washer," says Mrs. Mary Kay Hartman, Wadsworth, Ohio.

"Mine has been so excellent through the years, that when we decided to get a dishwasher in 1976, Maytag was the logical

choice. My children load our Maytag Dishwasher in a very hurried, haphazard way, but it still cleans my dishes," states Mrs. Hartman.

"I bought my Maytag Washer a little over 12 years ago, shortly after we were married," she continues. "With a young active family, it has gotten a real workout. It has done thousands of loads in its time, but we have spent amazingly little for repairs."

Mrs. Hartman adds that she also enjoys her Maytag Dryer. "I especially like the Electronic Control. I don't have to guess or keep checking and resetting the dryer. I know when it stops, the clothes will be dry," she concludes.

Laura 12; Michele, 11; Ann, 5; Mary Kay and Donald Hartman, Matthew 8

Naturally, we don't say all Maytags will match that record. But long life with few repairs is what we try to build into every Maytag product. See our washers, dryers, dishwashers, and disposers.

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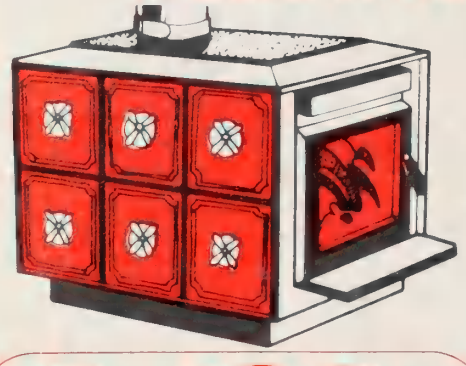

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Lath walls *of entry pavilion step down slope to connect street to house*

The front door is at the street . . . framed in lath

A remote front door may be the answer when your house is some distance from the street. That's what architect Toby Levy designed for a client on San Francisco's Russian Hill. The street is about 15 feet above the house, so she turned the slope into a kind of outdoor stair hall, partially framed in lath on three sides. The gate lock is released electrically from inside the house.

From the street, the new gate opens to a 4- by 6-foot, gazebo-like platform topped with a small gabled roof. It's an open-air vestibule: a good place to wait out a rain shower or admire the view. The lath walls provide just enough screening for security. Like a private bus stop, the entrance shelter contains a small bench that makes a convenient place to gather suitcases or other items before loading them into the car.

Redwood posts support the entry: 4 by 6's frame the front, 4 by 4's line up behind. The stripping is 1¾ inches wide. A photoelectric cell governs the lighting fixture inside the shelter, turning it on automatically at dusk.

With its shingled roof and small-scale wood detailing (note the simplified square capitals), this little gatehouse makes a handsome addition to a picturesque neighborhood. □

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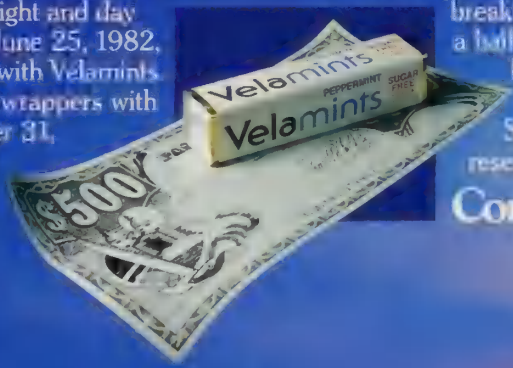

It reserves space for you on a non-stop flight from New York to Nice, France, where you'll be welcomed with a French wine-tasting party. We'll pamper you with first-class hotel accommodations, including a daily continental breakfast. The Passport also entitles you to a half-day sight-seeing tour of the Royal Palace of Monaco, the casinos of Monte Carlo, and much more.

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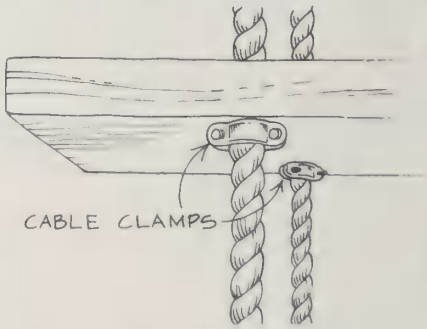
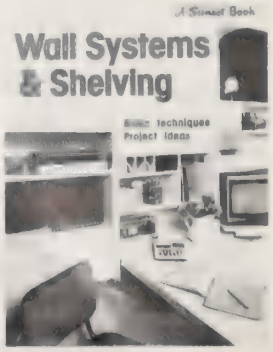
ROB SUPER

Knotty problems *often plague rope-supported shelves, but this four-tiered system uses electrical cable clamps to avoid them*

Shelves hang from ropes… using simple clamps, not knots





New book *shows attractive and efficient shelving and storage systems you can build*

The trick to making rope-supported shelves, at first glance almost idiotically simple, is to tie all the knots so that the shelves remain level. That, unfortunately, is very difficult. But Mark Jang of Omnidesign in Livermore, California, solved this problem by using electrical cable clamps instead of knots. The clamps are just as secure and much easier to adjust.

This shelving idea and literally hundreds of others can be found in a new *Sunset* book released this month, *Wall Systems & Shelving* (Lane Publishing Co., Menlo Park, Calif., 1981; $4.95). There are 85 color photographs showing wall and shelving systems you can use throughout the home, and illustrations to lead you through many projects.

The book also includes a woodworking primer: you'll learn about basic woodworking techniques, how to select lumber and tools, and what sorts of shelving hardware are available.

For the handyman in a hurry, there are 12 quick and easy shelving ideas. □

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2. Include with your entry form [redacted] end flap from a Reynolds Oven Cooking Bags carton, or a plain piece of 3"x5" paper on which you have hand printed in block letters the words REYNOLDS OVEN COOKING BAGS.
3. Enter as often as you wish but mail each entry separately to: Reynolds "Bag it" Sweepstakes, P.O. Box 570, Lowell, Indiana 46356. Sweepstakes ends December 31, 1981 and entries must be received by January 15, 1982.
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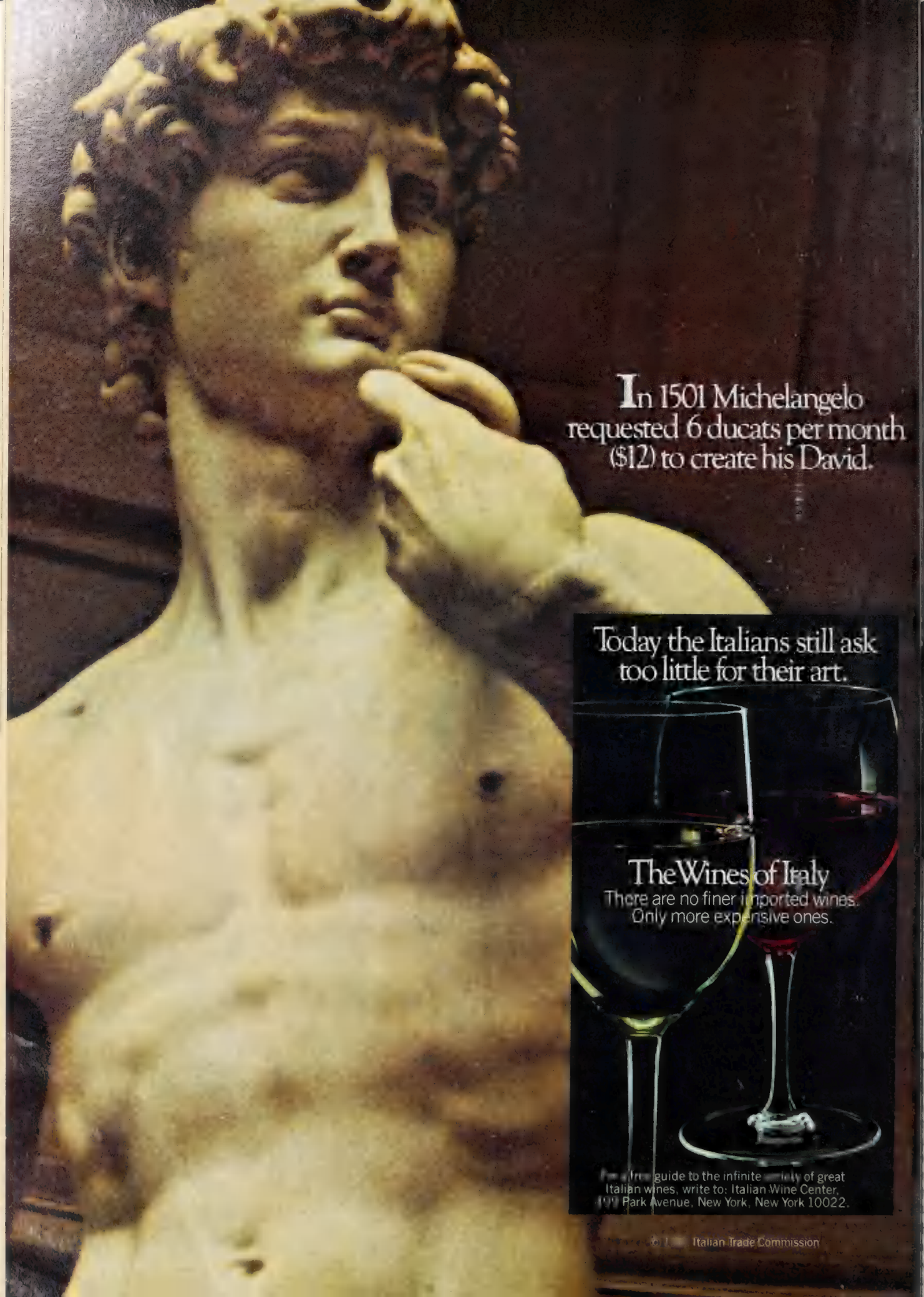
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DON NORMARK

Uninsulated *woodshed behind fireplace keeps snow off firewood in winter, helps dry wood in summer. Inside, a raised hearth provides cozy fireside seating and a pass-through door gives easy access to the wood*

It's an outdoor-indoor woodshed

Sun Valley, Idaho, keeping firewood from winter snow and spring rain es some planning. Here is one per- nent solution to the problem and a nvenient arrangement for the fire lder as well: a woodshed adjacent to living room fireplace. The fireplace orporates a storage box and a small nnecting door with a locking latch for ssing wood through.

e shed holds two cords of wood, and storage box accommodates enough od for seven fires, eliminating numer- s trips outdoors.

Owner Corky Fowler and architect Neil Wright designed the 6-foot-square addition to blend right into the existing shingled structure. A concrete pad was poured for foundation and standard stud walls were covered with plywood, then shingled. Note that the shingles extend down to grass level—a design that works only in places like Sun Valley, where termites are not a problem.

However, the shed's interior wall, next to the house, was treated with a preservative to help protect it from any insects that the firewood might harbor. □

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by Dee McGregor®
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Baked Kraut Krunch Kasserole

4 cups Steinfeld's sauerkraut, drained and rinsed
1 teaspoon caraway seed
1 can (12 oz.) corned beef, cut into 6 slices
⅓ cup Thousand Island dressing
4 ounces sliced Swiss cheese
2 slices rye bread, toasted and cubed
2 tablespoons minced parsley

Spread sauerkraut in shallow baking dish. Sprinkle with caraway seed. Arrange corned beef slices on sauerkraut. Spoon dressing over corned beef. Arrange slices of Swiss cheese over top and sprinkle with bread cubes. Bake 20 minutes at 350 degrees. Serve with sprinkling of parsley. Makes 4 to 6 servings.

Baked Reuben Arrange Steinfeld's sauerkraut, caraway seed, corned beef, Thousand Island Dressing and sliced Swiss cheese in baking dish. Top with toasted, cubed rye bread and bake. Can be assembled ahead and baked later . . . a real quick dish.

AFTER-THE-GAME KRAUT SKILLET (or Bake)

Layer drained Steinfeld's sauerkraut, canned oven-baked beans, finely chopped onion and green pepper, and thinly sliced apples, pears or crushed pineapple in attractive skillet. Arrange browned sausages, spoke fashion, over all. Drizzle with mixture of honey or pineapple syrup, soy sauce, grated fresh ginger and white wine. Heat slowly in skillet or oven.

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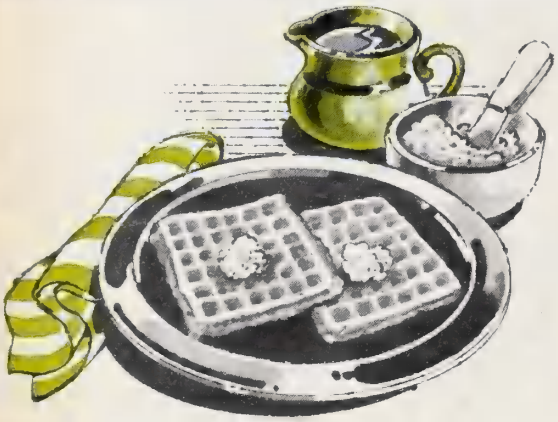
Sunset's Kitchen Cabinet®

The sweet scent of pie spices will awaken your senses to the advent of Thanksgiving when you bake our pumpkin waffles. Serve them as a special holiday breakfast.

For the grand feast this month, you might incorporate the colorful fal fruit salad or warm marzipan-filled apples into your menu plan.

The remainder of this month's recipe depart from the holiday theme, offer ing choices for inexpensive entrées: a



A spoonful of walnut-orange butter and maple syrup complement these waffles

Pumpkin Waffles

For crisp texture, bake these waffles until they're richly browned.

- 2¼ cups all-purpose flour
- 4 teaspoons baking powder
- 2 teaspoons ground cinnamon
- 1 teaspoon *each* ground allspice and ginger
- ½ teaspoon salt
- ¼ cup firmly packed brown sugar
- 1 cup canned pumpkin
- 2 cups milk
- 4 eggs, separated
- ¼ cup melted butter or margarine
- Nut butter (recipe follows)
- Maple syrup

Stir together the flour, baking powder, cinnamon, allspice, ginger, salt, and sugar. Combine the pumpkin milk, and egg yolks; add the flou mixture and butter; stir to blend.

Beat the egg whites until soft peak form; fold into batter to blend.

Preheat a waffle iron according t manufacturer's directions. Pour bat ter onto grill; cook until waffles ar richly browned and crisp, about minutes. Serve with nut butter an syrup. Makes about 5 waffles, inches each.—*J. H., La Habra, Calif.*

Nut butter. Blend ½ cup *each* soft ened butter or margarine an chopped walnuts, and ½ teaspoo grated orange peel.

Beaten egg coats the pasta so cheese, bell peppers, and tuna will cling to it

Tuna Carbonara

This pasta dish is a good choice for a spur-of-the-moment supper.

- Water
- 3 tablespoons olive oil
- 8 ounces vermicelli
- 2 tablespoons butter or margarine
- 1 large red bell pepper, seeded and cut into thin strips
- 3 cloves garlic, minced or pressed
- 1 large can (9¼ oz.) chunk-style tuna, drained
- 4 eggs, beaten until blended
- 1 cup grated Parmesan cheese
- ¼ cup chopped parsley
- Salt and pepper

In a 5- to 6-quart kettle, bring 4 quarts of water and 1 tablespoon of the oil to a boil. Add vermicelli; boi gently, uncovered, until just tender t bite, about 9 minutes. Drain vermi celli, rinse with cold water, drain.

Heat remaining 2 tablespoons oliv oil and the butter in a 12- to 14-incl frying pan set over medium-hig heat. Add the pepper and garlic cook, stirring, until pepper is limp Add vermicelli and tuna; cook, stir ring constantly, until hot throughout Remove from heat; pour in the eggs cheese, and parsley. Mix sauce wit pasta by lifting strands with tw forks; season with salt and pepper Serves 4.—*D. S., Fairbanks, Alaska.*

This salad of apples, avocados, citrus, and persimmons shows off fall fruits

Fall Fruit Platter

Use either the soft-ripe or crisp variety of persimmons in this salad.

- 2 medium-size grapefruit
- 2 large oranges
- Cinnamon dressing (recipe follows)
- 2 medium-size persimmons, sliced
- 2 red-skinned apples
- 1 large ripe avocado

Cut one each of the grapefruit and oranges in half crosswise; juice a half of each fruit; reserve juice for dressing. Using a sharp knife, cut all the peel and white membrane from remaining grapefruit and orange. Cut fruit crosswise into thin slices; arrange on a large rimmed serving plat ter with the persimmons. If you like cover and chill salad up to 4 hours.

To serve, core apples; peel and pit th avocado; cut both into slices and ar range on platter with other fruits Serve with cinnamon dressing. Make 6 to 8 servings.—*M. S., Seattle.*

Cinnamon dressing. Beat until cream 1 small package (3 oz.) cream chees with 1 tablespoon honey and ½ tea spoon *each* grated orange peel an ground cinnamon. Gradually beat i reserved grapefruit and orange juic until well blended. Serve; or chill covered, as long as overnight.

›asta dish with tuna; vegetable and icotta cheese pie; and chuck roast immered in a wine sauce.

end your favorite recipes to *Sunset Iagazine*, Menlo Park, Calif. 94025. Ve pay $25 for each published recipe.

Pumpkin waffles for Thanksgiving morning, fruit salad, baked apples for the feast

Ierb and Spice Simmered Beef

›ffer roasted or boiled potatoes with ıis well-seasoned roast and its gravy.

- About 4 pounds bone-in chuck roast
- 1 large onion, chopped
- 2 cups regular-strength beef broth
- ¾ cup dry red wine
- 3 tablespoons *each* vinegar and catsup
- 2 bay leaves
- 1 teaspoon thyme leaves
- 5 *each* whole cloves and allspice
- 2 tablespoons cornstarch mixed with 2 tablespoons water
- Salt and pepper

et an ovenproof 4- to 5-quart kettle ver medium-high heat. Put in roast, fat edge down, and brown to render fat; then brown meat on both sides. Stir in the onion, broth, wine, vinegar, catsup, bay, thyme, cloves, and allspice. Bring liquid to boiling and cover kettle. Place in a 325° oven and bake until meat is very tender when pierced, about 2½ hours.

Skim off fat; discard. Stir cornstarch paste into the sauce. Cook, stirring, over high heat until sauce boils and thickens, about 1 minute. Season to taste with salt and pepper. Slice roast and serve with the thickened pan juices. Serves 8 to 10.—*J. B., Menlo Park, Calif.*

Oven-braise this chuck roast with rich, spicy wine sauce in a covered Dutch oven

o-crust Vegetable and Cheese Pie

Iushrooms, zucchini, and spinach ingle in this cheese pie.

- ⅓ cup butter or margarine
- 4 pound mushrooms, sliced
- 1 clove garlic, minced or pressed
- 1 small zucchini, thinly sliced
- 1 cup diced cooked ham
- 4 eggs
- 1 pound (2 cups) ricotta cheese
- 1 cup (4 oz.) shredded jack cheese
- 1 package (10 oz.) frozen chopped spinach, thawed and well drained
- ½ teaspoon dill weed
- 4 teaspoon pepper

elt the butter in a 10- to 12-inch ving pan set over medium heat; add the mushrooms, garlic, and zucchini and cook just until vegetables are soft, about 3 minutes. Add the ham; cook 1 minute longer and set aside.

Beat the eggs in a large bowl; stir in the ricotta and jack cheese, spinach, dill, pepper, and sautéed vegetable mixture. Pour into a greased 10-inch quiche pan or pie pan. Bake in a 325° oven until center feels firm when lightly touched, about 35 to 40 minutes. Cool 10 minutes, then cut in wedges to serve hot. Or cool completely and serve at room temperature. Makes 6 to 8 servings.—*M. E., Carmel, Calif.*

Accompanied with bread and wine, this pie makes a cool, picnic-style entrée

arzipan Apples with Custard

nder the topping, almond paste kes in the cavity of these apples.

- 3 large tart cooking apples (such as Newtown Pippin)
- 6 tablespoons (4 oz.) almond paste
- 4 cup *each* softened butter or margarine, firmly packed brown sugar, and chopped almonds
- 2 tablespoons water
- Custard (recipe follows)

›re apples and cut in half lengthwise › not peel). Press 1 tablespoon al- ›nd paste into each apple half cav- . Blend the butter, brown sugar, d almonds. Press ⅙ of the mixture to each apple half.

Arrange apples, streusel side up, in a 9-inch cake pan; add water to pan and cover with foil. Bake in a 350° oven until apples are tender when pierced, about 35 minutes. Uncover and continue baking until streusel is browned, about 8 minutes. Serve apples hot or cooled with custard. Serves 6.—*E. B., Medford, Ore.*

Custard. In the top of a double boiler, beat 4 egg yolks with ⅓ cup sugar and 2 cups half-and-half (light cream). Cook, stirring, over gently boiling water until sauce coats a metal spoon, about 15 minutes. Stir in 1½ teaspoons vanilla. Serve hot or cold.

Serve these streusel-topped apples in a pool of delicately flavored custard

Marjolaine cake starts with thin meringue layer

1 · *To form marjolaine cake layers, Chef Wolfgang Puck spreads meringue thinly on parchment*

2 · *After baking, flexible layers of filbert-almond cake are cut in half and edges trimmed*

Hazelnut classics . . . L. A. and Seattl

Their distinctive flavor makes hazelnuts a great favorite of European pastry chefs. In the West, where hazelnuts are called filberts, chefs find their distinctive flavor inspiring, too. Shown here are two classic hazelnut and meringue tortes interpreted by chefs Wolfgang Puck of Los Angeles and Tim Hampton of Seattle.

In both, dominant filberts pair with mild almonds; the nuts are toasted to emphasize their taste and aroma, then ground and blended with delicate meringue mixtures. Though similar in flavor, the meringues are quite different; the first is tender and cake-like, the other crisp.

Patience, but less time and skill than you might suppose, is necessary for these smashing party spectaculars. Both tortes need to be made well ahead so the meringues can mellow and soften slightly, making them easy to cut and serve.

How to toast nuts. Spread each kind separately in a single layer on a rimmed pan. Bake in a 375° oven until golden, shaking occasionally. Almonds take about 10 minutes. Filberts take about 15 minutes; when filberts are cool, rub between your palms to loosen brown skins; discard skins.

Dacquoise torte starts with meringue disks

Marjolaine Ma Maison

Marjolaine cake (directions follow)
Chocolate filling (directions follow)
Praline buttercream (see page 202)
Cream (directions follow)

Set one section of cake on a flat tray; spread with ⅔ of the chocolate filling. Top with second cake layer and spread with buttercream. Top with third cake layer and spread with cream. Top with last cake piece and spread with remaining chocolate. Slide onto serving dish. Cover lightly and chill at least 8 hours or up to 4 days. Decorate as shown above right. Cut in inch-thick slices; cut each crosswise in half. Serves 24.

Marjolaine cake. Cover 2 rimless 12- by 15-inch baking sheets with baking parchment. Butter, dust with flour; set aside.

Toast 1 cup filberts and 1½ cups blanched almonds according to preceding directions. Whirl nuts in a food processor or blender with ¾ cup plus 2 tablespoons sugar and 2 tablespoons all-purpose flour until a fine powder; set aside. With an electric mixer on high, beat 8 egg whites until soft peaks form. Continue beating, and sprinkle in 2 tablespoons sugar; fold in nut mixture.

Spread half the meringue on each baking sheet to make an 11- by 14-inch rectangle. Bake in a 400° oven until edges are golden and feel dry but soft, 10 to 12 minutes. Cool, then invert and peel off paper. Cut each in half crosswise; trim edges to even.

Chocolate filling. Coarsely chop 8 ounces bittersweet chocolate and combine with ⅔ cup whipping cream; stir over simmering water until melted; set aside.

Cream. Whip ⅔ cup whipping cream with 2 tablespoons powdered sugar until stiff; fold in 2 tablespoons sour cream.

Dacquoise à la Maison

Dacquoise disks (directions follow)
Chocolate buttercream (page 202)
Rum cream filling (directions follow)
Powdered sugar

Trim meringue disks to make an 8-inch round and a 9-inch round; reserve trimmings for rum cream. Set larger disk on flat plate. Pipe buttercream through pastry bag with large rosette tip, using about ⅔ to make a border and a mound in center. Fill center with rum cream, and top with smaller meringue. Dust with

1 · *Circles made by pastry bag guide the shaping of meringue disks*

2 · *Edge of pan or rim guides trimming: save scraps for rum filling*

3 · *To assemble, pipe border and rosette of buttercream; rum filling is next*

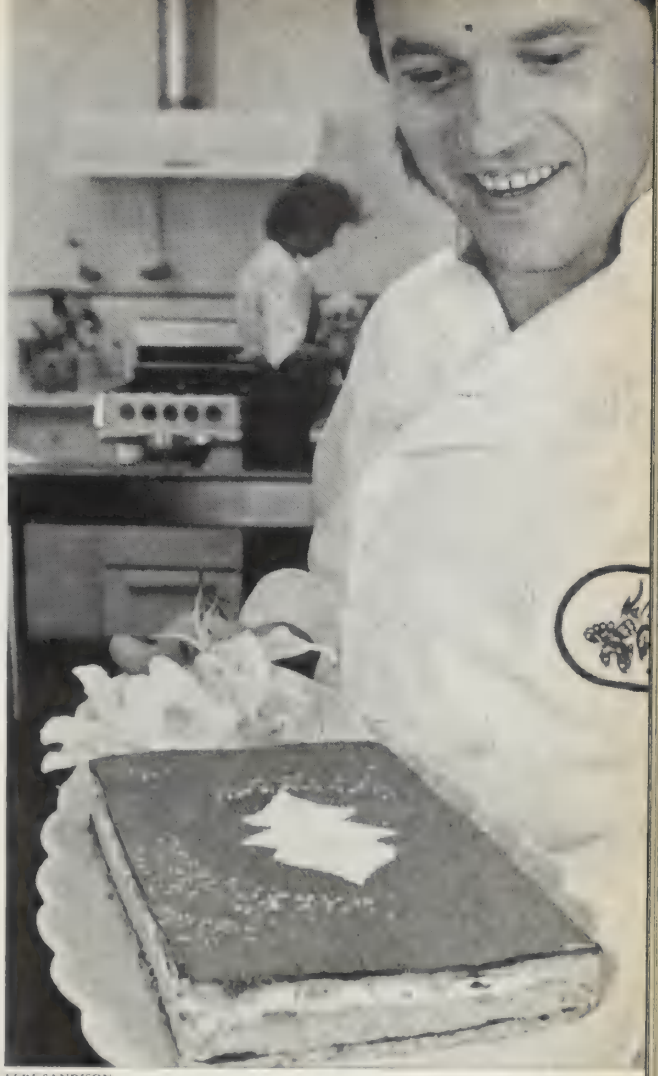
4 · *On goes top meringue layer, then a dusting of powdered sugar*

. *To assemble, alternate layers with chocolate, buttercream, cream; top with more chocolate*

4 . *Finishing touch: powdered sugar dusted through decorative paper cutout on the chocolate layer*

5 . *Voilà—the chef's masterpiece! Marjolaine has eight scrumptious cream and nut meringue layers*

hefs show how



ERI SANDISON

N NORMARK

. *With final buttercream decoration, Chef Hampton's dacquoise is complete*

powdered sugar and decorate with remaining buttercream. Cover lightly and chill at least 8 hours or up to 4 days. Cut into wedges. Serves 8 to 10.

Dacquoise disks. Cover 2 rimless 12- by 15-inch baking sheets with baking parchment. Butter, dust with flour, then draw an 8-inch circle on one and a 9-inch circle on the other; set aside.

Toast ¾ cup *each* filberts and blanched almonds according to preceding directions, then whirl in a food processor or blender until a fine powder; set aside ¼ cup for rum cream. Mix remaining nuts with 1 tablespoon cornstarch.

With an electric mixer on high, beat ⅔ cup egg whites (about 4 to 5 eggs) in a large bowl until frothy throughout. Continue beating; add ⅔ cup sugar, 1 tablespoon at a time, until stiff peaks form. Fold in cornstarch-nut mixture.

Force meringue through pastry bag with large plain tip to follow inside edge of each circle. Put half the remaining meringue in each; spread to make smooth. Bake in a 350° oven until pale gold, about 25 minutes. Cool on pan.

Rum cream filling. Whip 1¼ cups whipping cream until stiff. Chop reserved meringue trimmings and fold into cream along with reserved ¼ cup ground nuts, ¼ cup sugar, and 2 tablespoons rum. □

NORMAN A. PLATE

Tempt holiday guests *with a tray of bite-size pastries filled with elegant buttercream*

Great desserts start with buttercream

A cooked buttercream is ultrasmooth and rich, but so good calories don't have to be justified, and so lavish a little goes a long way.

To the pastry chef, it is an invaluable element for some of the world's most fabulous desserts—such as the filbert creations on the preceding pages. However, buttercream can have subtle differences based on ingredients and techniques. Here are two buttercreams—chocolate and praline—that show the range, from fluffy enough to be piped decoratively through a pastry bag to firm enough for spreading.

You start with whole eggs or egg yolks and sugar. For our recipes, the egg mixtures are both slightly cooked; in other variations, the eggs are heated as a boiling hot syrup is beaten into them. With prolonged beating, the eggs and sugar create a fine foam; when the mixture is cooled by the incorporated air, butter (usually unsalted for finest flavor) is beaten in to produce a light, fluffy texture. Then flavoring can be added.

You work with buttercreams when they are at room temperature, but refrigerate them to firm for serving. They are especially handy to have on hand, ready to make into fancy bite-size pastries like those shown above.

Chocolate Buttercream

- 4 ounces semisweet chocolate, coarsely chopped
- 2 tablespoons water
- 4 eggs
- ¾ cup sugar
- 1 cup plus 2 tablespoons (10 oz.) unsalted butter, at room temperature

Combine chocolate and water in a 1- to 1½-quart pan over lowest heat (if it gets too hot, chocolate will separate). Stir constantly until chocolate is smoothly melted. Remove from heat and set aside.

Nest a 4- to 5-quart metal bowl in a 5- to 6-quart kettle; bowl rim should be wider than kettle rim. Have enough water in kettle to just touch bottom of bowl; bring water to simmering.

Combine eggs and sugar in bowl and beat over simmering water with an electric mixer on high speed until thick enough to hold soft mounds, about 5 minutes. Remove bowl from water; continue beating until mixture is cool; then beat in butter, 1 tablespoon at a time, blending well.

Beat in chocolate, 1 tablespoon at a time, blending well. Use, or cover and chill for as long as 2 weeks; let come to room temperature before using. Makes 4 cups.

Praline Buttercream

- ⅓ cup sugar
- ½ cup water
- ¼ cup *each* filberts and blanched almonds
- 2 egg yolks
- ¾ cup (⅜ lb.) unsalted butter, at room temperature
- ¼ cup hazelnut or coffee-flavored liqueur

In a 1- to 1½-quart pan, combine ¼ cup of the sugar and 2 tablespoons of the water. Cook, stirring, over medium heat until bubbles are large and clear. Add nuts and cook, stirring, until syrup is dark caramel color, about 10 minutes (sugar may crystallize, but with constant stirring, liquefies again). Slowly mix in remaining water and cook, stirring, to melt caramel and blend with it, about 2 minutes; set aside.

In a 1½- to 2-quart pan, beat yolks and remaining sugar with an electric mixer on high speed until light and flufly. Pour nut syrup through a wire strainer into yolks; set nuts aside.

Place pan over medium heat and beat with an electric mixer at high speed until very flufly and warm, about 5 minutes. Remove from heat and continue beating until cool, then add the butter, 1 tablespoon at a time, blending well. When all the butter is incorporated, mix in liqueur. Use, or cover and chill as long as 2 weeks; let come to room temperature before using. If desired, chop reserved nuts and use for garnish. Makes 1½ cups buttercream.

Poundcake petits fours. Cut a rectangular pound cake (10¾ oz., homemade or purchased) vertically into 30 equal slices. Spread half the slices each with 1 tablespoon buttercream (chocolate or praline) and top with remaining slices. Trim edges. Cut each cake "sandwich" into thirds. Makes about 45 pieces.

Bite-size tarts. Use tiny tart shells, each 1½ to 2 inches diameter (homemade or purchased) and fill each with about 2 teaspoons buttercream. Dust with cocoa and top with sliced almonds or chopped nuts reserved from praline buttercream. Makes about 8 dozen chocolate or 3 dozen praline tarts.

Petite cooky tarts. Spread 1½- to 2-inch round sugar or shortbread cookies (homemade or purchased) with about 2 teaspoons buttercream each. If desired, dust with cocoa or decorate with sliced or whole almonds or filberts, chocolate curls, or chocolate shot. Makes about 8 dozen chocolate or 3 dozen praline tarts.

Buttercream cake filling and frosting. Allow 1 to 1½ cups buttercream to fill a 2-layer 9-inch round or square cake. To frost top and sides, you will need 2 to 3 cups buttercream. □

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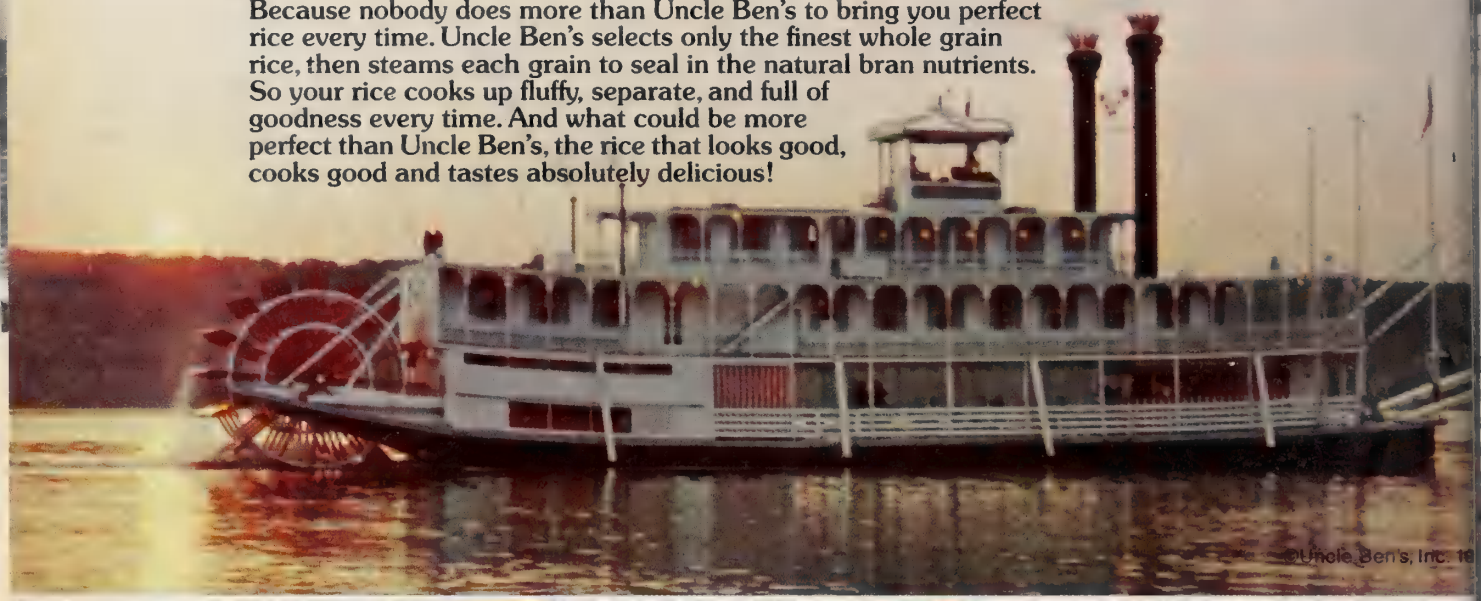

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DARROW M. WATT

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Fried egg tops breakfast tostada

ender cornmeal pancakes form the ase for these hearty breakfast-style tosdas. Mounded with lettuce, tomatoes, ocado, and bacon, they are topped ith a softly fried or poached egg.

ornmeal Pancake Tostadas

- ¼ cup all-purpose flour
- 1 tablespoon baking powder
- ¼ cup yellow cornmeal
- ½ teaspoon salt
- 2 teaspoons sugar
- ½ cup boiling water
- ¼ cup *each* milk and melted butter or margarine or salad oil
- 1 egg, separated
- About 1½ cups shredded lettuce
- 1 cup chopped tomatoes
- 1 large avocado, peeled and pitted
- 4 slices bacon, crisply cooked
- 6 or 7 eggs, softly fried or poached
- Fresh coriander (cilantro) sprigs or pickled hot chilies

ir together the flour and baking power. In another bowl, combine the cornal, salt, and sugar. Pour in the boiling ater and stir well; blend in the milk, elted butter, and egg yolk. Add the our mixture and blend well. Stiffly beat e egg white and fold into the batter.

se ⅓ cup batter for each pancake. ook, on a lightly greased, preheated iddle or in a frying pan over mediumigh heat until pancakes are brown on ottom. Turn and cook other side.

o assemble tostadas, place pancakes on ndividual plates. Top with equal porons of lettuce, chopped tomato, and rumbled bacon. Slice and add avocado, hen top each with an egg. Garnish with oriander or chilies. Makes 6 or 7 tosdas.—*A. G., Lewiston, Idaho.* □

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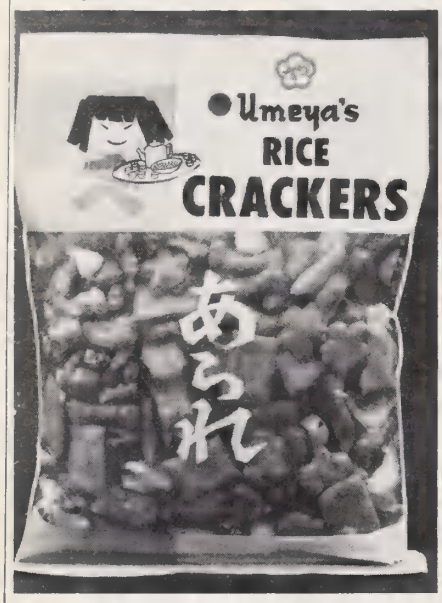

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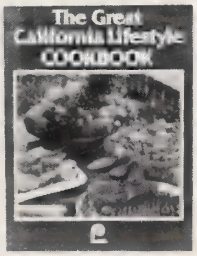

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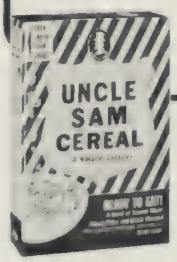

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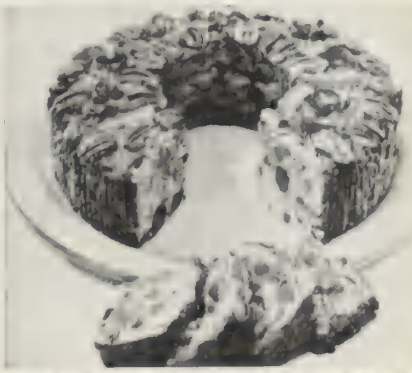

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Use pastry wheel *(or French knife) to cut cracker dough rolled out on pan*

Whole-wheat cracker squares

Whole wheat gives robust flavor to these crisp, savory crackers. Serve them buttered or plain with soups and salads or with meats and cheese.

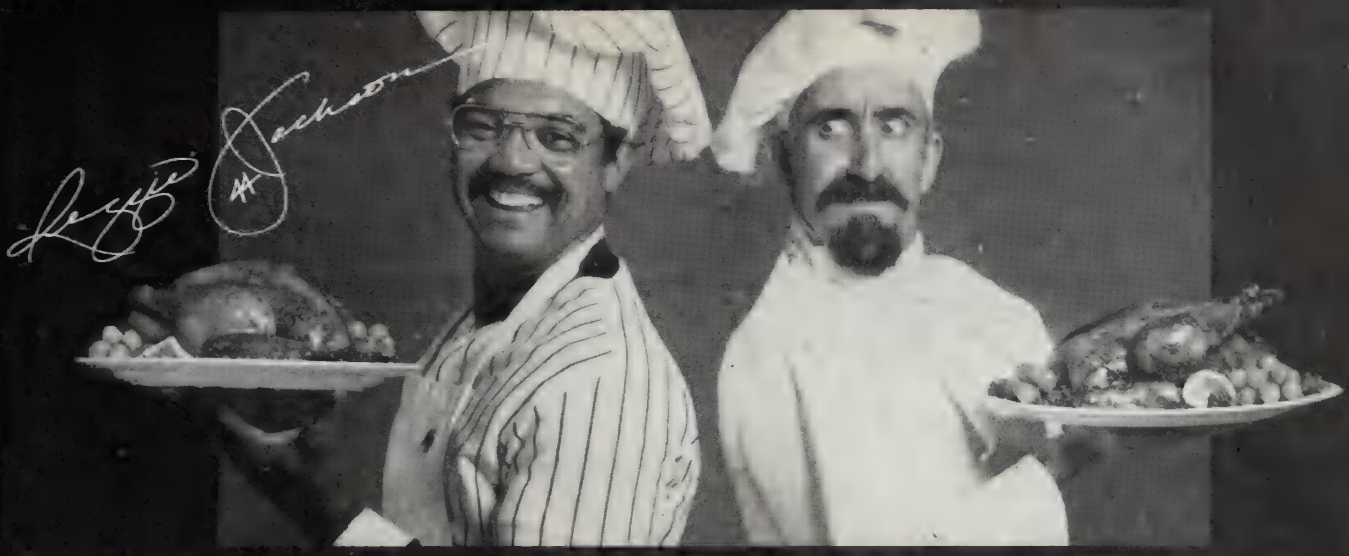
Roll them out directly on baking sheets; use pans with only one or two edges, or the backs of rimmed baking sheets.

Thin Wheat Crackers

In a bowl combine 1 cup *each* whole-wheat flour and all-purpose flour, ½ teaspoon salt (or 1 teaspoon garlic salt), and 2 tablespoons wheat germ; stir until blended. Pour into the bowl ⅓ cup salad oil, ¾ cup milk, and 1 teaspoon molasses; stir until dough cleans the sides of the bowl.

If the baking sheet is 12 by 15 inches or larger, divide dough into 2 equal portions. Set each portion of dough in the center of a lightly greased pan and, with a floured rolling pin, roll evenly almost to pan edges, or to about 12 by 15 inches for larger pans. If needed, trim and patch dough to make even edges. (For smaller baking sheets, divide dough into 3 equal portions; roll each portion out to a 9- by 12-inch rectangle.) Sprinkle evenly with about 1 teaspoon coarse (kosher-style) salt or 3 tablespoons sesame seed; use a rolling pin to press salt or seeds lightly into dough.

With a pastry wheel or large French knife, cut dough into 1½-inch squares; leave in place on pan. Bake in a 350° oven until lightly browned, about 20 minutes. With a spatula, transfer crackers to a rack to cool. Serve or store airtight at room temperature. Makes about 13 dozen.—*R. S., Morgan Hill, Calif.* □



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Henri's goose is cooked. Even a French chef can't compete with a genius. He can't compete with me, Reggie Jackson, or my Panasonic Genius microwave oven. It's the only microwave oven with both an Auto Sensor Control and Cook-A-Round Turntable. All Henri has is an ordinary microwave oven. Poor Henri!

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What really stacks the odds against Henri is how evenly the Genius cooks food. Its magnetic Cook-A-Round Turntable constantly rotates the food while it cooks. Henri has to rotate the food by hand. And handle hot foods.

Really, anyone can beat Henri at his own game. All it takes is a genius. A Genius microwave oven from Panasonic.

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Tasters considered additions . . . but none tampered

The old-fashioned meal has nearly disappeared—that is to say, the one that began with soup, proceeded through fish, main course, salad, dessert, and ended later in the evening with bicarbonate and cat naps.

Well, good riddance. No one wants to look like Chester Alan Arthur anymore. The trouble is that parts of that old ritual have found no real place in the modern world. Soup, for example, makes a fine beginning to a winter meal, but too many of us forgo the pleasure of sipping something warm at a well-set table while sniffing the aroma of things to come.

Dennis Sherwood draws us back to the old ways with a simple dinner soup that delights the eye as well as the palate. It requires a modicum of effort, since the hard work is taken over by the blender. Tasters of the dish all had an idea for some addition—a few croutons, some sour cream, and so forth—but none wished to tamper with the basic blend.

Spinach Soup à la Sherwood

- ¾ to 1 pound unpeeled russet potatoes, diced
- 1 cup sliced carrots
- 1 large onion, sliced
- 2 cups water
- 3 chicken bouillon cubes
- 1 bunch (about ¾ lb.) spinach
- About 1 cup milk
- 1 tablespoon butter or margarine
- Salt and pepper

In a 4- to 5-quart pan, combine potatoes, carrots, onion, water, and bouillon cubes; bring to a boil, reduce heat, cover, and simmer until vegetables are very tender when pierced, 10 to 15 minutes.

Meanwhile, discard tough spinach stems and rinse leaves well. Add spinach to pan, cover, and cook over high heat just until spinach is wilted, about 2 minutes. In a blender or food processor, whirl about ⅓ of the vegetables and their cooking liquid at a time until puréed; stir in milk to desired consistency. If made ahead, cool, cover, and refrigerate.

Just before serving, add butter and reheat until steaming. Season to taste with salt and pepper. Makes about 7 cups.

Dennis J. Sherwood

Gig Harbor, Wash.

All around the Mediterranean, people drink a drink that outsiders find unappealing at first encounter. It has many names—*pastis* in France, *ouzo* in Greece—but it is anise-flavored, highly alcoholic, and (over there at least) turns milky when water is added.

The distinctive flavor is why Kenneth Goldstein uses it in his recipe for chicken. If you dislike anise (or licorice), use dry sherry; but you'll end up with something that may be good but is not what *Chef* Goldstein had in mind. Two French brands of pastis that appear in our stores are Ricard and Pernod, and you may turn up a Greek ouzo; but avoid the syrupy anisette, which Italians take as a cordial.

Ten-Spice Chicken

- 4 tablespoons salad oil
- 2 tablespoons anise-flavored liqueur or dry sherry
- 2 tablespoons minced fresh ginger
- 3 tablespoons thinly sliced green onions
- ¼ teaspoon *each* dry mustard, chili powder, pepper, and oregano and thyme leaves
- ¼ teaspoon *each* ground cloves, cinnamon, and rubbed sage
- ½ teaspoon *each* salt, all-purpose flour, sugar, and garlic powder
- 1 teaspoon soy sauce
- 1 whole chicken breast (about 1 lb.), skinned, boned, and cut into bite-size pieces
- Hot cooked rice
- Chopped parsley

In a small bowl, combine 1 tablespoon of the oil with the liqueur, ginger, green onion, mustard, chili powder, pepper, oregano, thyme, cloves, cinnamon, sage, salt, flour, sugar, garlic powder, and the

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"You may turn up a Greek ouzo, but avoid the syrupy anisette"

soy. Stir until mixed, then set aside; heat remaining 3 tablespoons oil in a wok or wide frying pan over high heat. Add chicken and cook, stirring constantly, until chicken is no longer pink when slashed, about 3 minutes. Add liqueur mixture and boil, stirring constantly, for 1 minute. Serve chicken and sauce over rice; garnish with parsley. Serves 2.

Laramie, Wyo.

Chef Ross Figgins has tossed up a bit of salad for us. It is the dressing with which we are truly concerned here, so you may use your imagination on the greenery and additives.

Chef Figgins suggests romaine, garbanzos, and bean sprouts. The dressing itself takes its character from the addition of browned and ground sesame seed; depending on your own palate, you may wish to increase the amount or leave it as it is. The recipe we present here has a mild flavor.

Sesame Seed Dressing

- ½ teaspoon butter or margarine
- 2 tablespoons sesame seed
- 1¼ cups salad oil
- 1 tablespoon soy sauce
- 2 to 4 tablespoons rice wine vinegar or white wine vinegar
- 2 cloves garlic, minced or pressed
- ½ teaspoon thyme leaves
- ¼ teaspoon dry mustard
- 2 tablespoons beer (optional)

Melt butter in a small frying pan over medium-high heat; add sesame seed and cook, stirring, until seed is brown. Let cool, then crush with a mortar and pestle or the flat bottom of a glass.

Combine sesame seed, oil, soy, vinegar, garlic, thyme, mustard, beer (if used). Mix well and serve. Or cover and refrigerate as long as 1 week; blend before serving. Makes about 1¾ cups.

Covina, Calif.

Chef F. W. Furstenberger makes a kind of molasses lace cooky to which he adds a bit of bourbon whiskey. There was a general feeling among tasters of his cooky that the bourbon was lost in the oven, but that may not be important. *Chef* Furstenberger states that he finds it a comfort to have the bourbon beside

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him as he cooks, and you may well fe that way too, so there is no reason to r move it from the list of ingredients.

Bourbon Snaps

- 1 cup all-purpose flour
- ½ cup sugar
- 1 teaspoon ground ginger
- ¼ teaspoon salt
- ⅓ cup molasses
- ½ cup (¼ lb.) butter or margarine
- 3 tablespoons bourbon whiskey
- ¼ cup chopped almonds or walnuts

In a small bowl, stir together flour, sugar ginger, and salt; set aside. In a 1-quar pan, bring molasses to a boil over hig heat; add butter and stir until melted Remove from heat and stir in flour mix ture with bourbon and nuts.

Drop batter, about 1 tablespoon at time, about 3 inches apart on greased baking sheets; spread each into a 2-inch circle. Bake in a 300° oven for 8 to 10 minutes or until cookies look dry and are no longer sticky when touched. Let stand about 3 minutes, then remove from baking sheet to wire rack to cool completely. Makes about 2 dozen cookies.

F. W. Fürstenberger

Altadena, Calif.

Waffles are not for everyone. There are those for whom the things fall crisply and easily from the iron, while others find their Sunday morning stretching into afternoon as they scrape out stuck bits and mutter curses. We personally know a woman who can clear her entire family from the house merely by announcing that she intends to make waffles (so fearsome is she when the first one sticks).

Of course, there are non-stick surfaces, secrets in the initial oiling, and so on, but the truly hopeless waffle baker can stick a waffle to anything, so take warning and try *Chef* Mandelkorn's fine recipe only if you have a record of past successes.

Mandelkorn's Best-ever Waffles

- 1¾ cups all-purpose flour
- 2 tablespoons cornmeal
- 2 teaspoons baking powder
- 1 teaspoon soda
- ½ teaspoon salt
- 2 eggs, slightly beaten
- 1 cup unflavored yogurt
- 1 cup milk
- 6 tablespoons butter or margarine, melted

In a bowl, stir together the flour, cornmeal, baking powder, soda, and salt. Mix in the eggs, yogurt, milk, and butter until batter is smooth. Bake in a preheated waffle iron according to manufacturer's directions. Serve immediately. Makes about 16 4-inch waffles.

Richard Mandelkorn

Santa Fe

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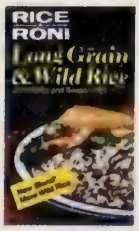

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TERI SANDISO

Mexican flour tortillas *fried with green-onion filling become Chinese onion cake*

Flakier, faster Chinese fry bread

Making Chinese onion cakes (a savory fried bread) in the traditional way involves a series of time-consuming steps. But you can produce a tasty adaptation in just a fraction of the time by substituting flour tortillas for the dough. The results are impressive: the cakes are flakier, and to some tastes, even better than the originals.

It's a three-step process. First, spread a tortilla with beaten egg blended with sesame oil, then scatter with green onion. Then add a second tortilla, which adheres to the egg. Finally, fry both tortillas in oil and serve hot and crisp.

Here we suggest two versions, one with the traditional seasonings of onion and sesame oil, and another flavored with bacon, fresh coriander (Chinese parsley), and chili oil. The special oils can be purchased in the Oriental section of a grocery store or an Oriental market. (Or make a mock chili oil with salad oil and liquid hot pepper seasoning.)

Whether you serve this fry bread as an appetizer or as an accompaniment to a Chinese meal, it goes quickly.

Chinese Onion Cakes

- 2 eggs
- ⅓ cup sesame oil
- ⅔ cup chopped green onion, including tops (about 5)
- 1 package (12½ oz.) of 10 flour tortillas, 8 inches in diameter
- Salad oil
- Salt

In a small bowl, beat eggs with sesame oil to blend. Put green onion alongside. To make each onion cake, spread 1 tortilla with about 2 tablespoons egg mixture; sprinkle with 2 tablespoons green onion. Top with a second tortilla and press together.

Pour about ½ inch of salad oil into a 10- to 12-inch frying pan and heat to 375°. Slide tortilla sandwich into the oil and fry until golden, 30 to 60 seconds on each side.

With tongs, lift onion cake out, draining excess oil into the pan. Set on paper towels and sprinkle both sides lightly with salt.

With a knife, cut cake into 6 wedges. Place on paper towels in a large pan, arranging in a single layer. Put in a warm oven (about 200°) to keep hot and crisp while you make remaining cakes. Serve when all are cooked. Makes 30 wedges or 6 to 8 appetizer servings.

Cilantro Bacon Cakes

Follow directions for Chinese Onion Cakes with these variations: beat eggs with 1 tablespoon hot chili oil (or 1 tablespoon salad oil or bacon drippings and 2 teaspoons liquid hot pepper seasoning) instead of sesame oil; use ⅓ cup chopped, lightly packed fresh coriander (Chinese parsley) instead of green onion; and add ⅔ cup chopped, cooked (but not crisp) bacon (about 8 strips).

Use only 1 generous tablespoon of the egg mixture for each tortilla and sprinkle with 1 tablespoon fresh coriander and 2 tablespoons bacon. Assemble and complete as directed above. □

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Molded Nutmeg Cream

In a small pan, soften 2 packages unflavored gelatin in ½ cup water; then set over medium heat, stirring, just until gelatin dissolves.

Meanwhile, in the small bowl of an electric mixer, beat 6 eggs until frothy. Gradually add 1 cup sugar, 1½ teaspoons freshly grated nutmeg, and 1 teaspoon vanilla, mixing on medium speed until mixture is smooth and thickened, about 3 minutes.

In a large bowl, whip 2 cups whipping cream to form soft peaks. Fold in lukewarm gelatin and egg mixture; pour into a 2-quart mold. Chill at least 4 hours or up to 2 days.

To unmold, dip mold up to rim into hottest tap water just until edges begin to melt. Place serving dish on top, invert mold and dish, and shake to dislodge. Serve, or cover to hold until ready to serve. If you'd like, sprinkle top with nutmeg to garnish. Serves 10 to 12.—*M. E., Carmel, Calif.*

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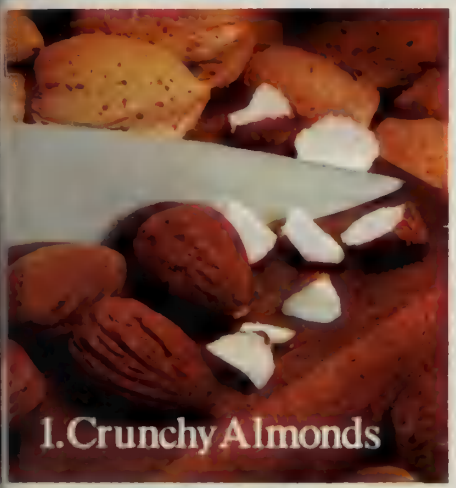
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Menu companions might be small new potatoes, boiled, or a rice pilaf laced with parsley, and spears of fresh broccoli to share the béarnaise.

If you use the baked vegetables, cook them before broiling the meat; they take 30 minutes. The pan-warmed vegetables can be prepared while the meat cooks.

Ground Beef Tournedos

- 6 slices bacon, 9½ to 10 inches long
- Ground meat patties (directions follow)
- Eggplant-onion or tomato-artichoke bases (recipes follow)
- Blender béarnaise (recipe follows)
- Chopped parsley

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I certify that the statements made by me above are correct and complete. L. W. LANE, Jr., Publisher

soft and flexible, about 5 to 7 minut drain on paper towels.

Wrap a strip of bacon around the ed of each meat patty and secure with toothpick. Place patties about 1 in apart on a rack in a broiler pan. Broi inches from heat, allowing 5 to 6 m utes per side for medium-rare. With wide spatula, transfer each patty onto warm eggplant-onion or tomato-ar choke base on a serving dish. La béarnaise sauce over each and sprink with parsley. Makes 6 servings.

Ground meat patties. Mix 1 pou ground lean beef (or ½ pound *ea* ground lean beef and ground lamb), cup dry white wine, ½ cup chopp parsley, ½ teaspoon salt, and ¼ te spoon freshly ground black peppe Form 6 patties, each 2 inches in dia eter. Complete and broil as directed the preceding recipe; or, if made ahea cover and chill as long as overnight.

Eggplant-onion base. Trim ends off slender 1- to 1¼-pound eggplant. Sli eggplant crosswise into ¾-inch-thic slices. Use the 6 center slices; reserve r maining eggplant for other uses or bak as directed below. Peel 2 large, fl onions and cut each horizontally into equal slices. Coat vegetables with oli oil or salad oil and arrange in a sing layer in an ungreased, rimmed 10- b 15-inch baking sheet.

Bake in a 425° oven until onion browned on bottom, about 15 minute turn onion over and continue cookin until onion is browned and eggplant fee very soft when pressed, about 15 minute more. Place one slice of onion on eac eggplant slice to make 6 stacks, the keep warm while meat patties broil.

Tomato-artichoke base. Trim a thin slic from top and bottom of 2 large, fir tomatoes and cut out core. Cut each to mato crosswise into 3 equal slices.

Also drain 1 can (14 oz.) artichoke bot toms packed in water; you should hav 6 pieces.

Place a 10- to 12-inch frying pan o medium-high heat and pour in 1 table spoon olive oil or salad oil. Add arti chokes and cook 1½ to 2 minutes o each side to heat through and slightly brown; transfer to shallow pan and keep warm in oven beneath the broiling meat Add tomato slices to frying pan and cook 1½ to 2 minutes on each side just to heat through. Place tomatoes on a serving dish, set an artichoke on top of each slice, and use hot.

Blender béarnaise. In a small pan, boil 1 tablespoon minced onion, 2 tablespoons white wine vinegar, and 1 teaspoon dry tarragon until vinegar evaporates. Scrape into a blender or food processor. Add 1 tablespoon white wine vinegar and 3 egg yolks. Whirl, adding 1 cup hot, melted butter or margarine in a slow, steady stream. Serve at once. Makes 1½ cups. □

So rich and moist, we call it Chocolate Velvet!

troducing "Chocolate Velvet." It may be the chest, moistest cake you ever ate! And no onder—it was created by two of America's ost trusted brands, Baker's® Chocolate nd Best Foods® Real Mayonnaise. Baker's lds the velvety-rich chocolate flavor. And eamy-smooth Best Foods bakes a cake that's mouthwateringly moist. Together, they create a luscious new chocolate cake. Discover the deep, dark flavor in every bite.

Chocolate Velvet

2 1/4 cups unsifted flour
1 tsp baking soda
1/4 tsp baking powder
1 2/3 cups sugar
3 eggs
1 tsp vanilla
1 cup BEST FOODS® Real Mayonnaise
4 squares (1 oz each) BAKER'S® Unsweetened Chocolate, melted
1 1/3 cups water
Crunchy Coconut Topping (below)

Grease and flour 13"x9"x2" baking pan. In bowl stir first 3 ingredients; set aside. In large bowl with mixer at high speed beat next 3 ingredients for 3 min or until fluffy. Reduce speed to low; beat in real mayonnaise and chocolate. At low speed add flour mixture in 4 additions alternately with water, beating just until blended after each addition. Pour into pan. Bake in 350°F oven 45 min or until tester comes out clean. Cool completely in pan. Serves 15.

Crunchy Coconut Topping: In saucepan, stirring constantly, bring 3/4 cup firmly packed brown sugar and 1/4 cup margarine to boil over medium heat; boil 2 min. Add 3 Tbsp milk, 1 1/3 cups flaked coconut and 1/2 cup chopped walnuts. Stirring constantly, boil 1 min. Spread on top of cake. Broil 6" from heat 1 min or until golden brown. Cool.

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HARROW M. WA

Serve warm wedges *of mincemeat pie with a generous scoop of ice cream. Garnish with fresh cranberries and holly leaves*

First step *to homemade mincemeat: boil cranberries until they pop open*

Double tradition: cranberry mincemea

You can approach this crimson cranberry mincemeat in several ways.

One, make it now while the fresh berries are available and keep it in the refrigerator during the holidays. Two, freeze a supply of berries, then use them later on to make the mincemeat. Or, simply freeze the mincemeat in usable portions.

One recipe makes enough for two pies; or you can reserve a portion to mix into vanilla ice cream for a treat to serve with the first of the Christmas cookies.

The tangy mincemeat also makes a fine relish to go with turkey, chicken, or pork.

Cranberry Mincemeat

- 4 cups fresh or frozen cranberries
- 1 cup water
- 4 large apples (about 2 lbs. *total*), cored and coarsely chopped
- ¼ pound beef suet, finely diced
- 1 cup light or dark molasses
- ¼ cup cider vinegar
- 1 teaspoon *each* ground allspice and cinnamon
- ¼ teaspoon ground nutmeg
- 2½ cups firmly packed brown sugar
- ¾ cup finely chopped mixed candied (glacé) fruits
- 1 pound (about 2 cups) raisins

In a 5- to 6-quart kettle, combine cranberries and water. Cover and cook over high heat until cranberries pop open, about 5 minutes.

Add apples, suet, molasses, vinegar, spices, brown sugar, candied fruits, and raisins; stir to mix well. Bring to a boil, then reduce heat and let simmer, uncovered, over medium heat, stirring occasionally, until the mixture is as thick a jam, about 1 hour; cool. Use, or cove and store in refrigerator up to 1 month freeze for longer storage. Makes 2½ quarts.—*G. K., Los Angeles.*

Cranberry Mincemeat Pie

Stir together 4 to 5 cups of Cranberr Mincemeat (see preceding recipe) and cup coarsely chopped walnuts or pecans set aside.

Prepare pastry (from a mix or your ow recipe) for a 9-inch double-crust pie. O a lightly floured board, roll out half th pastry to fit the bottom of a 9-inch pi pan. Spoon in cranberry mixture. Rol out remaining half of pastry and fit o top of pie; seal edges, flute, and prick top with a fork.

Bake in a 375° oven until evenly golden about 1 hour. Serve warm or reheate (to reheat, cover with foil and place in 375° oven for about 20 minutes).

Top the wedges with ice cream o whipped cream, if desired. Makes abou 8 servings.

Cranberry Mincemeat Ice Cream

Let ½ gallon vanilla ice cream stand at room temperature just until it's soft enough to stir. Blend in 2 cups Cranberry Mincemeat (preceding recipe) and ½ cup *each* coarsely chopped walnuts or almonds and dry sherry or orange juice. Spoon into an airtight container, cover, and return to freezer until firm. Serve within 4 weeks. Makes about ½ gallon. —*F. N., San Francisco.*

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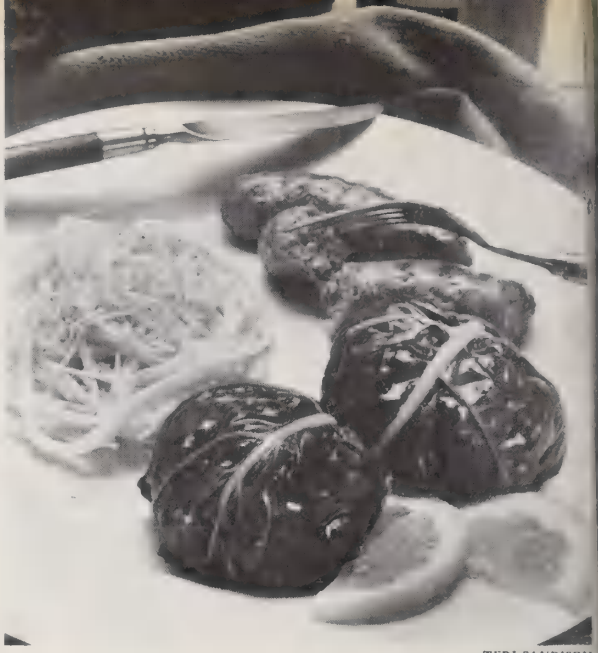

Roll *leaves of Swiss chard to enclose chopped greens, then serve with simple meal of grilled sausages and pasta with cheese*

TERI SANDISON

Italian bundle of Swiss chard

In Florence, Italy, fresh vegetables are sold both raw and ready to serve in the public marketplace. One of the prepared vegetables is Swiss chard shaped in bright green balls called bietola (bee-*eh*-toe-lah), to serve with a light dressing.

Swiss Chard Bundles (*Bietola*)

Wash 2 pounds (about 2 bunches) Swiss chard and drain. Cut off discolored ends of stems and discard; then cut off stems.

In a 5- to 6-quart pan, bring about 4 inches of water to boiling on high heat. Add stems and cook until tender when pierced, about 5 minutes; lift from water and set aside. Push half the leaves at a time down into water. Cook just until limp, about 3 minutes; then lift out and drain.

Set aside 12 of the best leaves. Coarsely chop the remaining leaves and stems; divide into 12 portions. Place a portion of chopped chard on each leaf. Wrap the leaf around the filling to enclose it, forming a ball.

Serve at room temperature (if made ahead, cover and chill). Drizzle with ½ cup olive oil blended with ¼ cup lemon juice; season to taste with salt and pepper. Makes 6 to 12 servings. □

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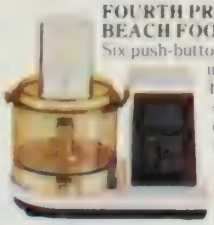

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1. On an official entry blank or a plain 3" x 5" piece of paper, handprint your name, address and zip code and your 3 favorite ORE-IDA potato varieties from the list provided on the entry blank. Include with your entry the orange and brown Ore-Ida logo from any package of Ore-Ida Frozen Potatoes, or the words "Ore-Ida" handprinted on a separate 3" x 5" piece of paper.
2. Enter as often as you wish, but each entry must be mailed separately to: ORE-IDA FAMILY FAVORITES, P.O. Box 2609, Westbury, NY 11591. All entries must be received by December 31, 1981.
3. **Winners will be selected in random drawings conducted by National Judging Institute, Inc., an independent judging organization whose decisions are final on all matters relating to this sweepstakes. All prizes will be awarded and winners notified by mail. Only one prize to a family or household. Prizes are nontransferable and no substitutions are allowed. Taxes, if any, are the responsibility of the individual winners. Winners may be asked to execute an affidavit of eligibility and release.**
4. Sweepstakes open to residents of the U.S., except employees and their families of The H.J. Heinz Company, its affiliates, subsidiaries, advertising agencies and Don Jagoda Associates, Inc. This offer is void in Wisconsin and wherever else prohibited, and subject to all federal, state, and local laws.
5. **For a list of major winners, send a stamped, self-addressed envelope to: FAMILY FAVORITES WINNERS, P.O. Box 2956, Westbury, NY 11591.**

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ENTRY BLANK

How to Enter: Handprint your name, address and zip code and your 3 favorite ORE-IDA varieties from the list provided below.* Include with your entry the orange and brown ORE-IDA logo from any package of Ore-Ida frozen potatoes or the words "ORE-IDA" handprinted on a separate 3" x 5" piece of paper. Mail to: ORE-IDA FAMILY FAVORITES SWEEPSTAKES, P.O. Box 2609, Westbury, NY 11591.

*Golden Crinkles,® Tater Tots,® Shoe Strings, Golden Fries,® Shredded Hash Browns, Southern Style Hash Browns, Crispers!,® O'Briens, Cottage Fries, Onion Tater Tots,® Pixie Crinkles,® Bacon Tater Tots.®

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All Entries must be received by December 31, 1981

Ore-Ida

DARROW M. WATT

Come-and-get-it breakfast. *Help yourself to cheese-filled crêpes with toasted walnuts, sweet juicy pears, and hot chocolate or cappucino topped with a sprinkling of cocoa*

NOVEMBER MENUS

Come-and-get-it crêpe breakfast, dressy sole dinner, white bean soup near the fireplace

Thanksgiving may be the big meal of month, but demands rarely diminish nourishment on any of the other 29 of November. In fact, most househ even expect breakfast on turkey day we propose a handsome menu that tures a very simple make-ahead cr dish, plus fruit and a homemade ver of cappucino.

Another day, when entertaining o small scale is in order, we sugges stylish fish dinner for four that can prepared in about an hour.

For more casual dining, try the warm vegetable soup for supper or a week lunch.

Breakfast buffet for 6 or mo

Crêpes ravioli is the name an Italian c gave his crêpes filled with ham, cheese and folded into triangles. T variation is an easy recipe to expan you keep extra crêpes on hand. The c pucino gets its authentic look beca hot milk is whirled in a blender until frothy.

Crêpes Ravioli with Toasted Walnuts
Ripe Winter Pears
Hot Chocolate or Blender Cappucino

The thin pancakes can be made d ahead and refrigerated or frozen. T night before (or in the morning), f crêpes around shredded cheese and ha bake just long enough to melt the chee Offer whole pears to slice and eat w the crêpes, or you can cut them in halv brushing with lemon juice to prese the fruit's color. Set makings out for chocolate or cappucino, then let fam and friends assemble their own.

Crêpes Ravioli with Toasted Walnuts

- 4 cups shredded fontina or Swiss cheese
- 6 ounces (1⅓ cups) thinly sliced cooked ham, cut in julienne strip
- 12 crêpes, 6 to 7 inches in diameter (recipe follows)
- About 1 cup walnut halves
- 1 tablespoon melted butter or margarine

Mix together the cheese and ham. D tribute about ⅓ cup of the cheese m ture over half of each crêpe, fold oth crêpe half over to cover cheese, then fo in half again to make triangles. L slightly apart in an 18- to 20-inch sh low oval baking dish or two 9-by-13-in baking dishes. If made ahead, cover a chill up to 24 hours.

Bake, uncovered, in a 450° oven 8 to minutes until hot. Meanwhile, mix nu with melted butter and arrange them crêpes. Continue baking until nuts a lightly toasted and cheese is meltin about 3 minutes more. Makes 6 serving

Crêpes. In a blender, whirl together

SPREADING THE WORD

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DARROW M. WATT

Elegant dinner *includes sole dressed with nuts and raisins, accompanied by Chinese pea pods and rice pilaf*

eggs and ⅔ cup all-purpose flour (or beat with a rotary mixer) until smooth, then add 1 cup milk and blend well. Place a 6- to 7-inch crêpe pan or other flat-bottomed pan on medium heat. When hot, add ¼ teaspoon butter or margarine and swirl to coat pan surface. Stir batter and pour 2 to 2½ tablespoons into pan, quickly tilting it so batter coats entire surface.

Cook until surface is dry and edge is lightly browned. Turn with a spatula and brown other side. Turn out onto plate, stacking crêpes as made. Use, or package airtight and refrigerate up to 4 days; freeze for longer storage. Bring to room temperature to avoid tearing when separated. Makes 12 to 14 crêpes.

Blender Cappucino

Brew 3 to 4 cups hot strong coffee. In a 1- to 1½-quart pan, bring 3 cups milk to scalding on medium-low heat. Pour milk into a blender and whirl until frothy (to prevent top from popping off, you may need to hold lid on tightly with a heavy potholder). Pour milk and coffee into separate pitchers. Also have containers of sugar and cocoa.

To make cappucino, pour equal amounts of coffee and milk into a cup, then spoon some of the milk foam on top. Sprinkle lightly with cocoa and add sugar to ta Makes 6 to 8 servings.

Posh dinner for 4

Basically this dinner is very straightf ward, but it looks elegant with dressed-up presentation. Sautéed sole lets are lavishly crested by butter-toas almonds and sweet raisins. Salad can your favorite, or try butter lettuce, sp ach, sliced mushrooms, and a musta vinaigrette. Add color to rice pilaf stirring in sautéed diced red bell pepp

Spinach and Mushroom Salad
Sole with Vineyard Amandine
Red Pepper Pilaf
Butter-steamed Chinese Pea Pods
Chardonnay or Sauvignon Blanc
Chocolate Truffle Ice Cubes
Coffee or Espresso

Start with the chocolates; they can made as long as a couple of weeks ahe and stored in the freezer. The rest of t meal goes together quickly. Make a pil assemble the salad, then cook the fi and peas just before serving.

Sole Vineyard Amandine

Coat 1½ to 2 pounds sole fillets wi flour; shake off excess and lay pieces si by side on waxed paper. In a 10- to 1

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OROWEAT

Honest Bread

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ch frying pan, combine 1 to 2 table-
oons *each* butter or margarine and
lad oil; set over medium-high heat.

'hen butter melts, add as many fish fil-
ts as pan will hold without crowding.
ook until lightly browned and fish
akes when prodded, 1 to 2 minutes per
de. Transfer cooked fish to a warm
atter and keep warm; put remaining
h into pan, adding 1 to 2 tablespoons
ore butter and oil as needed.

hen fish is cooked and on platter, re-
ice heat to medium and add to pan 2
ore tablespoons butter or margarine
d ½ cup *each* sliced almonds and rai-
ns; cook, stirring, until nuts are lightly
owned, 1 to 2 minutes. Spoon over
utéed fish. Serve with lemon wedges.
akes about 4 servings.—*L. G., Brem-
ton, Wash.*

ocolate Truffle Ice Cubes

ombine ¼ cup whipping cream and 8
nces semisweet chocolate, chopped (or
3 cups semisweet chocolate baking
ips) in a 1- to 2-quart pan and place
er lowest possible heat (if heat is too
gh, the chocolate separates). Stir con-
ntly until chocolate is melted and well
nded with cream.

emove from heat and stir in 3 table-
oons orange- or coffee-flavored li-
eur, rum, or whipping cream. Line the
ttom and about 1 inch up the sides of
a 4- by 8-inch pan with foil. Pour choco-
late mixture into pan. Place in freezer
until firm enough to cut, 30 to 45 min-
utes. Lift out of pan and peel off foil.
Cut in about 1-inch squares, wiping knife
blade frequently.

Roll each square in cocoa (about ¼ cup)
to coat heavily. Arrange chocolates in a
single layer in a shallow pan. Cover and
freeze until ready to serve, up to 2 weeks.
If desired, garnish each piece with a can-
died lilac or violet (from a gourmet shop)
before serving. Makes about 32 pieces;
allow at least 3 for a serving.

Soup supper by the fire

For a cozy supper, serve this rustic white bean and vegetable soup near the fireplace. Place the hot soup on the hearth to keep it warm. Offer sausage or a chunk of cheese to slice, and a coarse, hearty bread. Finish off with tangerines, apples, or crisp 'Fuyu' persimmons.

Country Vegetable Soup
Whole-wheat Rolls or French Bread Loaves
Butter
Summer Sausage or Cheddar Cheese
Tangerines, Small Apples, or
Crisp Persimmons
Chilled Cider

You can make the soup a day ahead, if you like, but do not add the cabbage. Reheat to simmering, covered, then stir in cabbage and cook briefly uncovered.

Country Vegetable Soup

- 2 tablespoons *each* butter or margarine and olive oil
- 1 large onion, finely chopped
- 2 stalks celery, finely chopped
- 3 medium-size carrots, shredded
- ½ cup chopped parsley
- 1 clove garlic, minced or pressed
- ½ teaspoon rubbed sage
- ½ cup dried small white beans, rinsed and drained
- 2 quarts regular-strength chicken broth
- 1 can (1 lb.) tomatoes
- 2 cups shredded cabbage
- Salt and pepper
- Freshly grated Parmesan cheese

In a 5- to 6-quart kettle, melt butter with oil over medium heat. Add onion, celery, and carrots; cook, stirring, until onion is soft. Mix in parsley, garlic, sage, beans, and broth. Bring to a boil, cover, reduce heat, and simmer until beans are nearly tender to bite, about 2 hours.

Add tomatoes (break up with a spoon) and their liquid. Continue to simmer, covered, until beans are very tender to bite, 30 to 45 minutes. Mix in cabbage and cook, uncovered, until wilted and bright green, 3 to 5 minutes. Add salt and pepper to taste. Pass cheese to add to each serving. Serves 4 to 6. □

DARROW M. WATT

Fill *cool lettuce leaves with peanuts, shallots, shrimp, chilies, lime, ginger, toasted coconut, and coconut syrup*

We adopt an idea from Bangkok's market vendors

In open-air markets in Bangkok, Thailand, vendors sell green leaves with sweet, sour, hot, and salty toppings. Their contrasting flavors complement each other to make a refreshing snack.

Our version uses butter lettuce leaves as the wrapper. Serve it as an appetizer to guests with adventurous palates. Look for dried shrimp in Oriental stores.

Thai Leaf Wrap Appetizer

- 3 tablespoons small dried shrimp or ½ cup small cooked shrimp
- 1 head butter lettuce
- ½ lime
- ¼ cup thinly sliced shallots or red onion
- 3 tablespoons slivered fresh ginger
- ½ cup roasted salted peanuts
- ¼ to ½ cup chopped fresh or canned hot chilies
- Toasted coconut and coconut syrup (directions follow)

If using dried shrimp, cover with hot water and soak until soft, about 20 minutes; drain well. Separate butter lettuce into leaves, wash, and dry. Tear or cut large leaves in half to make smaller cups. Thinly slice the lime, then cut each slice in quarters.

On a serving tray, arrange lettuce, shrimp, lime, shallots, ginger, peanuts, chilies, toasted coconut, and coconut syrup. To eat, spoon a bit of each condiment inside a leaf, drizzle lightly with syrup, wrap up, and eat. Makes about 6 appetizer servings.

Toasted coconut and coconut syrup. In a 10- to 12-inch frying pan, cook ½ cup unsweetened shredded coconut over medium-low heat, stirring frequently, until toasted, 5 to 8 minutes; set aside.

In a 1- to 1½-quart pan, stir together ½ cup *each* sugar and water. Boil, uncovered, until the syrup is reduced to about ½ cup; takes 3 to 5 minutes. Let cool. If made ahead, store at room temperature.

Shortly before serving, stir in 2 teaspoons minced fresh ginger, 2 tablespoons finely chopped roasted salted peanuts, and ¼ cup of the toasted coconut. Serve the remaining ¼ cup toasted coconut as a condiment. ▫

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SIMPLE SAVORY RICE AND GRAVY

4¾ cups hot water
2 tablespoons Wyler's® Beef-Flavor Instant Bouillon or 6 Beef-Flavor Bouillon Cubes
1 bag Success® Rice
2 tablespoons margarine
2 tablespoons flour
1 jar (2½-oz.) sliced mushrooms, drained

In medium saucepan, bring 4 cups water to boil. Add bouillon, stirring until dissolved. Add bag of rice, completely submerging. Boil uncovered 10 minutes. To make gravy, melt margarine in skillet and stir in flour. Cook and stir until dark brown. Add ¼ cup liquid from saucepan, remaining ¾ cup hot water, and mushrooms. Cook and stir until thickened and smooth. Drain rice and remove from bag. Serve gravy over rice and beef. Garnish as desired. Serves 4.

1 . *Lined up ready to cook, Polish sausage chunks go into frying pan, followed by thinly sliced red onion*

DARROW M. W

2 . *Cooked rigatoni and basil-mustard sauce are next; the last addition is zucchini, which cooks just until tender-crisp*

GLENN CHRISTIANSEN

3 . *Supper for four, garnished with watercress, is ready in minutes. It goes to the table in the pan it's cooked in*

Flash-in-the-pan meals... pasta and sausage, shrimp and spinach

Out of the frying pan onto the table: that's the speedy nature of these two main courses. The ingredients can be readied with minimum fuss, then whipped in and out of the pan in a flash —more just to heat than to cook.

The first dish combines chunky pasta with juicy sausages, tender-crisp zucchini, and peppery watercress. (To get a head start, you can cook the pasta the day before; then cool, cover, and refrigerate it.)

The second is a delicate blend of tiny pink shrimp, glistening green grapes, and barely wilted dark green spinach.

Each of these supper entrées is unified by a pungent mustard sauce that also serves as the cooking sauce.

Flash-in-the-pan Kielbasa and Zucchi

- 1 cup rigatoni or elbow macaroni
- Boiling water
- 2 (about 12 oz. *total*) Polish (kielbasa) sausages, cut in ¼-inch slices
- 1 medium-size red onion, thinly sliced
- Dijon herb sauce (recipe follows)
- 3 small zucchini, thinly sliced
- 1 bunch watercress

In a 10- to 14-inch frying pan, co pasta in 1 inch boiling water for 10 to minutes or until tender to bite; drain.

Rinse and dry pan and set on mediu high heat. Add sausages and cook, st ring, for 1 minute. Add onion and coo stirring, until onion is limp, about 3 mo minutes. Add cooked pasta and he sauce and continue cooking and stirri until hot, 1 to 2 more minutes. Stir zucchini and cook just until tender-cris about 3 minutes.

Garnish in pan with a cluster of wate cress and serve immediately. Serves 4.

Dijon herb sauce. In a small bowl, com bine 3 tablespoons red wine vinegar an 1 tablespoon *each* Dijon mustard an dry basil.

Flash-in-the-pan Shrimp and Spinach

- 2 tablespoons salad oil
- 3 green onions (including tops), sliced
- Dijon cream sauce (recipe follows)
- ½ pound small cooked shrimp
- 1½ cups (about ½ lb.) seedless grapes
- About 1 pound (1 bunch) spinach, stems discarded and leaves washed, drained, and patted dry

Set a 10- to 14-inch frying pan over me dium-high heat. When hot, add oil an onions and cook, stirring, until onion are limp, about 30 seconds. Stir in crea mixture; boil until sauce forms larg shiny bubbles, about 1½ minutes more.

Add shrimps and grapes and cook, stir ring, until heated through, about anothe minute. Remove from heat and mix i spinach; serve immediately. Makes 3 t 4 servings.

Dijon cream sauce. In a small bowl combine ½ cup whipping cream, 2 table spoons Dijon mustard, and ⅛ teaspoo ground nutmeg.

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NICOLAY Z

Bolognese veal cutlets *are crowned with prosciutto, then a reduction sauce of cream and wine and freshly grated Parmesan cheese*

Veal or chicken, a mallet, cheese, sauce . . . Italian classics

New recipes *recently gathered in Italy, as well as grand classics, merge in this revised edition*

Golden chicken cutlets, *cheese, peppers, and watercress form an alfresco repast*

In Italy, cooks often trim and pou meats into thin fork-tender pieces sauté quickly and serve plain, adorn with cheeses, or dressed with a sau The favored meat is veal, but chicken also typical. Examples of two such dish are pictured here.

These are a sampling of the richly vari recipes in *Sunset's* revised *Italian Co Book* (Lane Publishing Co., Menlo Par Calif., 1981; $4.95). Dishes in this pu lication were chosen to illustrate t great respect Italians give to both t

SUNS

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Almond Sherry Cake

1 package (18-1/2 ounces) yellow cake mix (not pudding type)
4 large eggs
3/4 cup The Christian Brothers Cream Sherry
3/4 cup vegetable oil
1 package (3-5/8 ounces) instant vanilla pudding mix
1/2 teaspoon nutmeg
Streusel Filling (recipe follows)
Sherry Glaze (recipe follows)
1/4 cup Blue Diamond® Sliced Natural Almonds, toasted

Grease and flour a 10-inch Bundt pan; set aside. In large bowl, combine cake mix, eggs, sherry, oil, pudding mix and nutmeg. Mix at low speed 1 minute, scraping bowl constantly. Mix at medium speed 3 minutes, scraping bowl occasionally (or beat by hand 5 minutes). Pour half of batter into prepared pan. Sprinkle evenly with Streusel Filling. Pour in remaining cake batter. Bake at 350°F.; 45 to 50 minutes, or until cake springs back when touched lightly. Cool on wire rack 15 minutes. Unmold from pan; cool completely on rack. Brush with Sherry Glaze; garnish with almonds.

Makes 10 to 12 servings.

Streusel Filling: Mix 1/3 cup packed brown sugar, 1/4 cup flour, 3 tablespoons firm butter or margarine and 1/2 teaspoon cinnamon together until crumbly. Stir in 3/4 cup toasted Blue Diamond® Sliced Natural Almonds.

Sherry Glaze: Stir together 2 cups sifted powdered sugar, 1/3 cup melted butter or margarine and 1 tablespoon The Christian Brothers Cream Sherry. Stir in 1 to 2 teaspoons hot water, until glaze is of desired consistency.

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ingredient and the finished product—from the simplest offering to classics with elaborate detailing. Short sections on Italian wines, homemade pasta, and cheeses are also included.

Golden Chicken Cutlets
(Petti di Pollo Dorati)

Pounded chicken breasts, lightly breaded and quickly browned in oil and butter, can be served hot or cold for a picnic or summer buffet.

- 3 whole chicken breasts (about 3 lbs. total), cut in half, skinned, and boned
- ⅓ cup all-purpose flour
- ½ teaspoon salt
- ⅛ teaspoon *each* white pepper, ground nutmeg, and marjoram leaves
- 1 egg beaten with 1 tablespoon water
- ½ cup fine dry bread crumbs
- ⅓ cup freshly grated Parmesan cheese
- ¼ cup butter or margarine
- 2 tablespoons olive oil
- ½ cup dry white wine (optional)
- Lemon wedges

Place chicken breasts, one at a time, between pieces of wax paper or plastic wrap and pound with flat side of a mallet until about ¼ inch thick.

Mix flour, salt, pepper, nutmeg, and marjoram in a shallow dish. Have the egg mixture ready in a second shallow dish. Mix crumbs and cheese in a third. Coat chicken breasts lightly with flour mixture, then with egg, and finally with the crumb mixture.

In a 12- to 14-inch frying pan over medium-high heat, melt butter with oil. Add chicken breasts, without crowding, and cook, turning once, until pieces are golden brown on each side (2 to 3 minutes per side).

To serve hot, transfer cooked chicken to a warm platter and keep warm. Add wine to cooking pan and bring to a boil on high heat, scraping brown particles free from pan. Cook until well blended and slightly reduced; pour sauce over chicken. Accompany with lemon wedges to squeeze over individual servings. To serve cold, omit wine sauce. Makes 6 servings.

Bolognese Veal Cutlets
(Costolette alla Bolognese)

For this version of saltimbocca, purchase veal in ¼-inch-thin slices or trim and pound ½-inch-thick veal round steaks. Cut away any bone (reserve for soup stock). Closely trim away fat and all silvery colored connective membrane (it shrinks when heated and causes the meat to curl).

Place one or two pieces of veal at a time between two large pieces of wax paper or plastic wrap. Pound each piece gently but firmly with the flat side of a mallet to flatten the meat evenly to about [illegible] inch thick.

- 1½ pounds boneless veal round steak, cut or pounded (see directions preceding) to ¼- to ⅓-inch thickness; cut into serving-size pieces
- Salt, white pepper, and ground nutmeg
- All-purpose flour
- 1 egg beaten with 1 tablespoon water
- 2 tablespoons *each* butter and olive oil
- ¼ pound thinly sliced prosciutto
- ½ cup shredded Parmesan cheese
- ¼ cup dry white wine
- ½ cup whipping cream

Lightly sprinkle veal on both sides with salt, pepper, and nutmeg. Lightly coat each piece of veal with flour. Melt butter with oil in a 12- to 14-inch frying pan over medium heat. Dip veal in egg mixture to coat. Add veal to pan, about half at a time, and cook until golden brown on both sides (2 minutes per side). When veal is browned, transfer to a shallow baking pan or an ovenproof platter, arranging in a single layer. Top each piece with prosciutto and cheese.

Bake, uncovered, in a 400° oven for [illegible] to 12 minutes or until lightly browned.

Meanwhile add wine and cream to drippings in frying pan and cook, stirring over medium-high heat until mixture is reduced to ½ cup. Pour sauce over veal. Serve at once. Makes 6 servings.

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3. Entries must be postmarked by February [illegible] and received by March 15, 1982.

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Using every last bit of the Thanksgiving bird

TERI SANDIS

Breast of turkey, *tomatoes, hearts of palm are ingredients for supper salad*

Chances are, after the big Thanksgiving meal, you'll have all forms of left-over turkey: a few nice big pieces, a lot of scraps, the carcass, and maybe some gravy. Here are three main dishes that take advantage of each. The first, a salad, uses moist breast slices. Bits and pieces go into a mild curry. And the soup is a catchall for the rest: carcass, odd scraps of meat, and gravy.

Turkey and Hearts of Palm Salad

- 4 large lettuce leaves
- About 12 thin slices turkey breast
- 2 medium-size tomatoes, thinly sliced
- 1 can (about 14 oz.) hearts of palm, drained and cut into ½-inch-thick diagonal slices
- About 1 tablespoon chopped chives
- 16 to 20 black Niçoise olives or small pitted ripe olives
- Creamy Dijon dressing (recipe follows)

On each of 4 salad plates, top a lettuce leaf with about 3 slices of turkey; alongside, arrange ¼ of the tomato slices and ¼ of the hearts of palm. Sprinkle each with chives and garnish with 4 or 5 olives. Pass dressing. Serves 4.

Creamy Dijon dressing. With a fork, smoothly blend 3 tablespoons Dijon mustard and ¼ cup *each* salad oil, white wine vinegar, and whipping cream.

Next Day Turkey Curry

- 6 tablespoons butter or margarine
- ¾ cup raisins
- 2 medium-size onions, chopped
- Curry spices (directions follow)
- 1 tablespoon cornstarch
- 1 cup regular-strength chicken broth
- 2 to 3 cups bite-size pieces cooked turkey
- 3 cups hot cooked rice
- 2 cups hot cooked petite peas
- 1 cup *each* unflavored yogurt and homemade or canned cranberry sauce

In a 10- to 12-inch frying pan, melt butter over medium-high heat; add raisins and stir until they plump up, about 2 minutes. Lift out raisins and set aside.

To the pan, add onion. Cook, stirring, until light golden, 10 to 15 minutes; then stir in spice mixture. Blend cornstarch into broth and add to onions. Cook, stirring, until broth boils and thickens. Add turkey and cook just to heat through, about 5 more minutes.

To serve, spoon turkey curry over rice; accompany with the peas. Pass the raisins, cranberry sauce, and yogurt in separate dishes to add to individual portions. Makes 4 to 5 servings.

Curry spices. Combine 1½ tablespoons mustard seed, 1½ to 2 tablespoons curry powder, ½ teaspoon *each* ground cumin and ginger, and ¼ teaspoon ground cinnamon.

Turkey-Onion Soup

- Carcass of a carved, roasted turkey
- 3 quarts regular-strength chicken broth
- 6 tablespoons butter or margarine
- 5 large onions, thinly sliced
- ¼ cup all-purpose flour
- Left-over gravy (up to 2 cups)
- Cold, cooked turkey (2 to 3 cups), cut in bite-size pieces
- Alfalfa sprouts or chopped parsley
- Dry sherry, if desired

Strip meat from carcass and set asid Break down carcass to fit into an 8- 10-quart kettle; add broth. Cover an bring to a boil over high heat; redu heat and simmer about 1 hour. Remov from heat and lift out bones.

In a 12- to 14-inch frying pan, melt bu ter over medium heat. Add onion cover, and steam for about 10 minut to soften. Uncover and cook, stirrin until golden, about 30 minutes.

Remove onions from heat and blend i flour; gradually add about 2 cups of th broth and stir until smoothly blende Add onion mixture to soup and bring t a boil on high heat, stirring, to thicken (At this point, you can cool, cover, an refrigerate the soup overnight; reheat t serve.) Stir in the turkey gravy and mea including scraps reserved from carcass and heat through.

Ladle soup into bowls and add a few sprouts and a splash of sherry (if de sired) to each. Makes about 4 quarts enough for 8 to 10 servings.

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Radiating *baked eggplant shells line cake pan. Spoon in savory filling, then bake. Turned out onto serving plate (right), molded moussaka shows off decorative skins*

DARROW M. W

Eggplant wheel is molded moussaka

A casserole that has as many phonetic spellings as it does ethnic variations, moussaka is usually thought of as cooked meat and eggplant, layered together and baked.

Not necessarily so. In some versions, the shiny eggplant skins encase a savory filling, and the dish is turned out of the pan to show off its handsome purple cloak.

Here we present a simplified way to make molded moussaka, with a choice of two fillings. Both use flavors from the Mediterranean countries that give us moussaka. The ground meat filling is customary, while the bulgur and cheese filling is a contemporary adaptation.

Both dishes are appropriate for a main dish, with yogurt as a simple sauce. However, you might elect to serve the bulgur version as a vegetable dish to accompany a meat entrée.

The first step in making molded moussaka is to roast the eggplant skins to bring out their subtle sweetness and make them pliable. The pulp is cooked separately. You can assemble the moussaka ahead.

Molded Moussaka

- 2 medium-size (about 1 lb. *each*) eggplants, stems cut off
- Olive oil or salad oil
- Ground meat and mint filling *or* bulgur pilaf filling (recipes follow)
- Lemon slices and mint sprigs
- 2 cups unflavored yogurt

Cut eggplants lengthwise into fourths. Carve out pulp, leaving shells about ¼ inch thick; reserve pulp to use in either of the fillings.

Lightly rub skin side of shells with oil and arrange shells, cut side down, on a lightly oiled baking sheet. Bake, uncovered, in a 450° oven until skins feel very soft when pressed, about 45 minutes; loosen from pan and cool slightly.

To assemble, arrange baked shells skin side down in an oiled 9-inch-diameter cake pan, so that they radiate out from the center. Spoon filling evenly into pan and fold any protruding shell ends over filling. (At this point, you can cool, cover, and refrigerate as long as overnight.)

To cook, set pan on a rimmed baking sheet to catch any drips. Bake, uncovered, in a 400° oven for about 45 minutes (about 55 minutes if chilled) or until thoroughly hot in center. To unmold, cover cake pan with a serving dish turned topside down. Holding dish and pan securely, invert and shake firmly to loosen moussaka from pan. Serve hot or at room temperature, garnished with lemon slices and mint sprigs. Offer yogurt to spoon over individual wedges. Makes 8 servings.

Ground meat and mint filling. In a 10- to 12-inch frying pan, combine ¼ cup olive oil or salad oil, 2 large onions (finely chopped), and the reserved pulp from the eggplants (finely chopped). Cover and cook on medium heat, stirring often, until eggplant mashes easily, 20 to 25 minutes.

Add 3 cloves garlic (minced or presse 1½ pounds ground lamb or lean grou beef, and ¼ teaspoon pepper. Cook high heat, breaking up meat with spoon, until meat is browned and jui have cooked away, about 15 minut Blend in 3 tablespoons all-purpose flo 1 large green pepper (seeded a chopped), ½ cup finely chopped mi and ¾ cup unflavored yogurt. Co stirring, until bubbly. Remove fr heat. Add 3 tablespoons lemon juice a salt to taste. Use hot or cooled.

Bulgur pilaf filling. In a 1- to 2-qu pan, bring 1 can (14½ oz.) regul strength chicken broth to boil on hi heat; stir in 1 cup bulgur. Cover, remo from heat, and set aside for about minutes to let bulgur soften.

Meanwhile, in a 10- to 12-inch fryi pan, combine ¼ cup olive oil or sal oil, 2 large onions (finely chopped), a the reserved eggplant pulp (fine chopped). Cover and cook on mediu heat, stirring often, until eggpla mashes easily, 20 to 25 minutes.

Add ½ pound sliced mushrooms, teaspoon pepper, and the soaked bulg (with any liquid). Cook on high he stirring, until juices have cooked awa about 20 minutes.

Remove mushrooms and bulgur fro heat and add ½ cup finely chopped pa ley, 3 cups (about ¾ lb.) shredded Che dar cheese, 3 tablespoons lemon juic and salt to taste. Stir to mix thorough Use hot or cooled.

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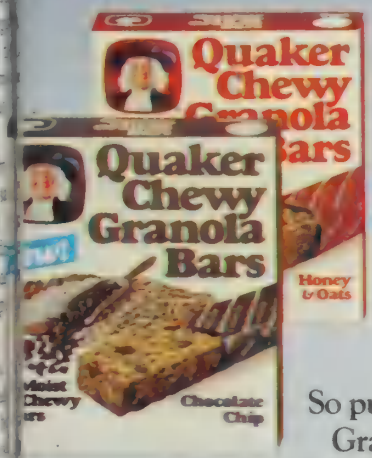

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DARROW M. WATT

Sampler *of pastas shows some of the variety within four general shapes—twists, thin strands, tiny pasta bits, and cups*

Ridged shells, *sometimes called gnocchi, make a juice-catching bed for lamb riblets simmered in a spicy, subtly hot sauce*

Sauces for stars, seashells, and other fanciful pasta

Whimsical as seashells or straightforward as tubes, the shapely physiques of pasta suit themselves to different types of sauces. Smooth cream sauces cling to curves; rich, zesty sauces make a hearty filling for hollows; light, delicate sauces moisten tiny circles or stars.

Here are a few combinations to try. You can make them all with pasta from the supermarket, but you'll find more variety in forms—and names, too—in an Italian delicatessen. You might find shopping easier if you look for a general shape, since different manufacturers give different names to the same shape or use the same name for different shapes. Our picture at left groups similar forms; choose ones that resemble these for the following recipes.

Pasta Twists with Sausage and Cream Sauce

Bits of sausage in cream cling to curvaceous pasta twists. They may be called cavatappi, rotelle, or fusilli (do not confuse them with long, twisty strands that go by the same name).

Remove ½ pound mild Italian sausages from their casings. In a heavy 10- to 12-inch frying pan, melt ¼ cup butter or margarine over medium-low heat and break up sausage; cook slowly, stirring occasionally, until meat is lightly browned. Meanwhile, cook ½ pou pasta twists (about 3 cups) in 3 to quarts boiling water until tender to bit about 10 minutes; drain well.

Add ¾ cup whipping cream and ¼ cu dry white wine (or more cream) to sa sage; bring to a boil. Boil gently, stirrin occasionally, until sauce is slightly thic ened, 2 to 4 minutes. Mix in draine pasta; remove from heat and stir in ½ cup grated Parmesan cheese. Sprink lightly with freshly grated nutmeg an serve with additional grated Parmesa Makes 4 first course servings, 2 entré servings.

Pasta Shells with Spiced Lamb Ribs

Lamb ribs simmered in a cinnamon scented tomato sauce sit on a bed o pasta shells. Some names of similar shaped pasta include gnocchi and con chiglie rigate.

Have your meatman cut 2 pounds lam spareribs across bones into 2- to 3-inc lengths. Then cut between ribs to mak small pieces. Put 2 tablespoons olive oi or salad oil in a 5- to 6-quart kettle an place on medium heat. Brown lam pieces, about half at a time; set aside.

Pour off and discard all but 1 tablespoo of the drippings. Add to pan 1 larg onion, finely chopped; and 2 cloves gar lic, minced or pressed. Cook, stirring

From our Private Collection

fresh look at some of your favorite Christmas cookies. And one with a new twist.

'iennese Sugar Twists

cup C and H Granulated Sugar
/4 cup (1 1/2 sticks) butter
egg
egg yolk
teaspoon vanilla
'4 teaspoon salt
cups all-purpose flour
cup finely ground blanched almonds
and H Granulated Sugar

ream together sugar, butter, egg and gg yolk. Beat in vanilla and salt. Stir ı flour until well blended. Mix in al-ıonds. Dough will be stiff. Break off ɔout a tablespoon of dough. Roll on ghtly floured board to 10 inches long nd pencil thin (about 1/4 inch). hape into pretzel. Bake on greased ɔokie sheet in 350 degree oven 10 to 12 minutes. Sprinkle with granulated sugar. Makes about 3 1/2 dozen.

Golden Thumbprints

1/3 cup C and H Golden Brown Sugar, firmly packed
1/2 cup (1 stick) butter or margarine
1 egg, separated
1/2 teaspoon vanilla
1 cup all-purpose flour
1/4 teaspoon salt
3/4 cup finely chopped walnuts
Candied cherries, jelly or melted chocolate pieces

Cream together sugar, butter, egg yolk and vanilla. Stir in flour and salt. Roll into 1-inch balls. Dip into slightly beaten egg white and roll in nuts. Bake in 375 degree oven 5 minutes on ungreased baking sheet. Remove from oven. Quickly indent each cookie center with thumb. Bake 8 minutes longer. Cool. Fill thumbprints with 1/2 candied cherry, bit of jelly or chocolate. Makes about 2 1/2 dozen.

For recipes of additional holiday cookies and delicious candies, send a self-addressed stamped envelope to: "Sweet Occasions," C and H Sugar Kitchens, 1 California Street, San Francisco, CA 94106.

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asionally, until onion is soft. Add 1 (1 lb.) tomatoes and their liquid, aking up tomatoes with spoon. Then in ¼ cup *each* tomato paste, water, chopped parsley; ¾ teaspoon

ta tubes *shaped like drinking ws come in different sizes; nes vary with size and brand*

ground cinnamon; ½ teaspoon crushed hot red pepper; and the lamb. Cover and simmer until lamb is tender when pierced, about 1 hour. Skim off and discard fat.

Meanwhile, cook ½ pound medium-size pasta shells (about 3 cups) in 3 to 4 quarts boiling water just until tender to bite, about 10 minutes. Drain well and place in serving bowl. Spoon lamb and sauce over pasta. Pass grated Parmesan cheese to sprinkle onto individual servings. Makes 3 to 4 servings.

Pasta Tubes, Amatrice-style

Skinny tubes shaped like drinking straws may be called bucatini, pericatelle, forati, or simply macaroni. In this dish, the pasta tubes are coated with a zesty sauce flavored with crushed chilies and pancetta (an unsmoked Italian bacon with the flavor of prosciutto). Buy the pancetta at an Italian delicatessen or substitute bacon.

Cut ¼ pound sliced pancetta or bacon in ½- by 1-inch strips. Cook pancetta in a 10- to 12-inch frying pan over medium heat, stirring often, until crisp; remove with a slotted spoon and set aside.

Measure fat in pan and add enough olive oil or salad oil to make ¼ cup. To the pan, add 1 large onion, finely chopped, and ½ teaspoon crushed hot red pepper. Cook, stirring, until onion is soft.

Mix in 1 clove garlic, minced or pressed; 1 can (14½ oz.) Italian-style tomatoes and liquid (break up with a spoon); ⅓ cup dry white wine (or water); and 2 tablespoons chopped parsley. Boil gently, stirring occasionally, until sauce is slightly thickened, 10 to 15 minutes.

Meanwhile, cook ½ pound thin pasta

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tubes in 4 to 5 quarts boiling water until tender to bite, about 10 minu Drain well and place on serving plat Mix pancetta into sauce; salt to ta Spoon sauce over pasta.

To serve, mix and top with grated P mesan cheese. Makes 4 first course ings, 2 entrée servings.

Pasta Pilaf

Tiny pastas are often used in soups. H they are dressed lightly with a crea tomato sauce to make a pilaf-style s dish. There are many names and sha for the miniature pasta; some of the m common are puntalette, puntette or r (rice-shaped); stelline or stellette (st shaped); anellini or occhi di pern (circles).

In a 10- to 12-inch frying pan, mel tablespoons butter or margarine o medium heat. Add 1 large oni chopped, and 1 large clove gar minced or pressed; cook, stirring oc sionally, until onion is limp.

Peel, seed, and chop 2 medium-size matoes. Add tomatoes, 1 teaspoon basil, and ¼ cup water to pan. Co and simmer 10 minutes.

Meanwhile, cook ½ pound (about 1 cu tiny pasta in 3 to 4 quarts boiling wa just until tender to bite, about 10 m utes; drain well.

Add ¾ cup frozen peas and ½ c whipping cream to tomato mixtu Bring to boil on high heat and mix cooked pasta. Remove from heat and in ¼ cup grated Parmesan cheese. Se son to taste with salt and pepper. Pa more grated Parmesan at the tab Makes 4 servings.

Angel Hair Pasta with Crab

Thin noodles, as fine as angel hair, a crowned with fresh crab. Pasta choic include capelli d'angeli, capellini, fed lini, or vermicelli.

Melt 2 tablespoons butter or margari with ¼ cup olive oil or salad oil in a 1 to 12-inch frying pan over medium hea Add ½ cup sliced green onions, inclu ing some of the tops; 1 clove garli minced or pressed; 2 medium-size tom toes, peeled, seeded, and chopped; a ¼ cup dry white wine or water.

Cook, stirring, until mixture boils. Bo gently for 2 minutes. Mix in 1 tabl spoon lemon juice; ½ pound cooke crab, flaked; and ¼ cup chopped par ley. Cook, stirring, just until crab heated through. Season to taste with sa and pepper and keep warm.

Meanwhile, cook 8 ounces thin past strands in 3 to 4 quarts boiling water ju until tender to bite, about 3 minute Drain well and pour onto a serving pla ter; spoon sauce on top and mix by lift ing pasta with 2 forks. Makes 4 firs course servings, 2 entrée servings.

It's the season to celebrate with family...

and good friends.

Good friends are ones you can count on. Names you trust like MJB, Beringer, and Valchris Farms. They all stand for quality. On those special occasions when you want everything to be just right, isn't it nice to have friends like that?

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St. Helena, Napa Valley, CA

Beringer 1980 Napa Valley Chenin Blanc
The perfect wine for holiday toasting. From one of California's oldest winemakers, Beringer has been making great wines for 106 years. And the clean, crisp taste of our 1980 Napa Valley Chenin Blanc is the ideal accompaniment for your traditional feast.

MJB Stuffing Plus
From MJB, a western tradition since 1881, comes a traditional favorite without the traditional work. MJB Stuffing Plus Cornbread with Almonds. Cook in a saucepan or in-the-bird. Either way, you get the great flavor your family loves—and MJB does all the work!

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There's over a century of tradition behind every Valchris Farms Turkey, fresh from the West's largest turkey grower. Self basting with natural turkey broth makes every mouthful moist and flavorful. No wonder Valchris Farms is the fresh turkey butchers recommend.

Cacciatore-with a tasty twist.

You don't have to be Italian to prefer your chicken cacciatore style. Mama De Domenico's Twistee Cacciatore is enjoyed around the world. So simple and easy to follow. This recipe will make you cook like an Italian Chef. Start with Golden Grain's thick, rich Marinara Sauce and Twistee Egg Noodles. That's the tasty twist.

Mama De Domenico's Twistee Cacciatore

3 lbs. chicken pieces
Salt and pepper
1/4 cup olive oil
2 cups (1/2 lb.) thickly sliced mushrooms
1 green pepper, diced
1 jar (32 oz.) GOLDEN GRAIN Marinara Sauce
1/2 cup Marsala wine
1 pkg. (12 oz.) GOLDEN GRAIN Twistee Noodles

1. Salt and pepper chicken; brown in oil; remove from pan.
2. Add mushrooms, green pepper; saute 3 minutes.
3. Add Marinara, wine and chicken. Simmer, covered, 45 minutes.
4. Prepare twistees according to package directions. Serve sauce and chicken over twistees. Makes 6 servings.

DARROW M. W

For even browning, *stir caramel corn as it bakes in roasting pan*

Caramel corn . . . boil and bake

Unlike most recipes for caramel co which require cooking the syrup to precise temperature, these easy versio have a simple boiled syrup that bakes the popcorn. The confection becom crisp as it cools. Keep it in airtight co tainers up to a week.

Orange Honey Nut Corn

2 quarts popped corn
1 cup mixed salted roasted nuts or almonds
½ cup (¼ lb.) butter or margarine
½ cup honey
1 tablespoon grated orange peel
¼ teaspoon *each* ground cinnamon and nutmeg

In an 11- by 17-inch roasting pan, m popcorn and nuts. In a 1- to 1½-qua pan, melt butter over medium-low hea Add honey, orange peel, cinnamon, a nutmeg. Boil gently over medium hea stirring constantly, for 1 minute.

Drizzle over popcorn mixture and s to blend. Bake uncovered in a 350° ove stirring every 5 minutes, until browne 15 to 20 minutes. Cool to serve. Mak about 2 quarts.—*N. B., Beaverton, Or*

Caramel Nut Corn

In an 11- by 17-inch roasting pan, m together 4 quarts popped corn and 1 cu salted roasted peanuts. In a 1½- to quart pan, melt ½ cup (¼ lb.) butter margarine over medium-low heat. Stir ½ cup *each* firmly packed brown sug and molasses. Boil gently, stirring fr quently, for 5 minutes.

Immediately drizzle over popcorn mi ture and stir together. Bake, uncovere in a 350° oven stirring every 5 minut until browned, 15 to 20 minutes. Cool serve. Makes about 4 quarts.—*G. S Sepulveda, Calif.*

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Summit Wines are prepared and bottled by Geyser Peak Winery, Geyserville, Sonoma County, California.

SUMMIT MULLED WINE

1½ c. boiling water	3 sticks cinnamon
½ c. sugar	3 whole cloves
½ lemon, sliced	4 c. Summit Burgundy

Nutmeg

Combine boiling water, sugar, lemon, cinnamon and cloves; stir until sugar dissolves. Add wine; simmer 20 min. (Do not boil). Strain. Serve piping hot with a sprinkling of nutmeg. Can be made in advance and reheated when ready to serve.

Courtesy—Wine Appreciation Guild

DARROW M. W

To start a meal, *offer white bean and pork pâté with toast and tiny sour pickles*

Pork and beans ...as pâté

Creamy-textured white beans blend with bits of seasoned pork make th savory pâté. Serve it as a hearty fi course to spread on crusty bread or scoop up on crisp vegetables.

White Bean and Pork Pâté

- 1 *each* medium-size carrot, celery stalk, and onion
- ½ cup small white beans, rinsed
- 1 bay leaf
- 2 cups water
- 1 shoulder pork chop (about 8 oz.)
- ½ teaspoon thyme leaves
- ¼ cup dry white wine
- Salt and pepper
- Cornichons (sour French pickles) or tiny dills
- Crusty sliced bread or toast

Cut carrot, celery stalk, and onion in chunks. Combine in a 3- or 4-quart p with the beans, bay leaf, water, por and thyme. Bring to boiling, then redu heat; cover and simmer until beans a tender and mash easily, about 2 hour Lift out pork; set aside. Add wine beans and boil, uncovered, until liqu evaporates, stir often.

Remove meat from bone. Coarsely ch meat. Whirl beans and vegetables in food processor or blender until ve smooth. Combine beans and pork; se son with salt and pepper. Serve or co and chill up to 4 days.

Present in a crock or as ½-cup portio in lettuce leaves on individual plat Serve with pickles and bread. Makes 2 cups or 5 or 6 servings.

SUNSE

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REGINA VINTAGE RECIPES

¾ cup salad oil
¼ cup Regina® Wine Vinegar
½ teaspoon salt
¼ teaspoon pepper

Blend ingredients and refrigerate
Variations (1) Add 2 TBS Grey Poupon® Dijon Mustard or (2) Add 1 egg or (3) Add ¾ tsp oregano and 1 clove garlic, crushed

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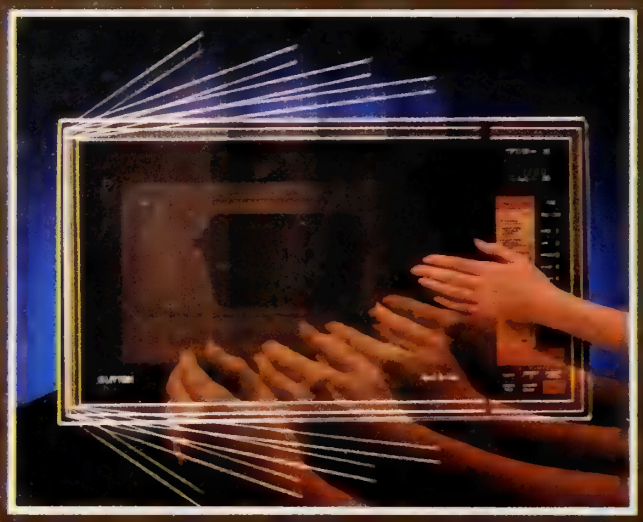

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LITTON

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Whole-grain roll with millet

Coarsely ground millet lends a sli crunch to these surprisingly fine-textu whole-grain rolls. Topped with sesa or poppy seed, they make an attract meal accompaniment or nutritious sna You'll find millet at a health food stor

Whole-wheat Millet Rolls

- 1⅓ cups millet
- 2 packages active dry yeast
- ½ cup warm (about 110°) water
- 2 eggs, slightly beaten
- Milk
- ½ cup salad oil
- ¾ cup light molasses
- ⅓ cup sugar
- 1½ teaspoons salt
- 4 cups whole-wheat flour
- About 3½ cups all-purpose or bread flour
- Sesame or poppy seed

In a blender, whirl millet until coars ground; set aside. In the large bowl of electric mixer, sprinkle yeast over wa water; stir to soften. Combine eg with enough milk to equal 1¾ cups li uid. On medium speed, beat in egg a milk mixture, oil, molasses, sugar, sa millet, whole-wheat flour, and 1 cup the flour. Beat well, until mixture pu away from bowl in stretchy strands.

With a wooden spoon or heavy-du mixer, gradually add 2 more cups a purpose flour, until mixture forms a st dough. Turn out onto a lightly flour board and knead until smooth and ela tic, about 15 minutes, adding more flo if necessary. Place dough in a greas bowl and turn to grease top. Cover a let rise in a warm place until doubled size, about 1½ to 2 hours.

Punch dough down and divide into fo equal portions. For easier handling, wr each in plastic wrap and chill 30 minut To shape rolls, work with one portion dough at a time, dividing it into 12 equ pieces. Roll each piece into a rope abo ½ inch in diameter and 11 inches lon Starting at one end, coil dough as show here; tuck end under coil and pinch seal. Place rolls 3 inches apart on greas baking sheets. Cover lightly and let ri in a warm place until light and puff about 30 to 40 minutes. Sprinkle to with sesame or poppy seed.

Bake in a 350° oven for 10 to 15 minut or until golden. Serve warm, or cool com pletely on wire racks and freeze. To re heat, thaw to room temperature; loose wrap rolls in foil, and bake in a 350 oven for 10 minutes or until warm Makes 48 rolls.—*P. A., Tujunga, Calif.*

DARROW M. WATT

ame-studded snails *are whole-wheat millet rolls, slightly sweetened with light molasses*

To shape rolls, *loosely coil opes of dough; let rise briefly, then bake until golden*

Wouldn't it be great if Litton made a microwave oven to fit over your range?

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Wilderness presents the cherry cheesecake with uncanny freshness.

If you want an unbelievably delicious cherry cheesecake, make it with Wilderness Cherry Fruit Filling. Because (like all our fruit fillings) Cherry Wilderness has a just picked flavor that's just incredible.

All you do is follow the easy recipe below. And you'll have a cherry cheesecake that's simply uncanny. Another reason why Wilderness is the fruit filling you'll never want to be fresh out of.

Cherry Cheesecake

1 Pkg. (18.5 oz.) super moist yellow cake mix;
1/3 cup butter or margarine, softened;
3 large eggs;
3/4 cup sugar;
2 teas. vanilla;
2 pkg. (8 oz. each) cream cheese, softened;
2 cups sour cream;
1 tbsp. vanilla;
1/4 cup sugar;
1 can (21 oz.) Wilderness Cherry Fruit Filling.

Beat dry cake mix, butter and 1 large egg in large mixer bowl at low speed until crumbly. Press lightly in ungreased 13 x 9 x 2-inch pan. Beat 2 large eggs, 3/4 cup sugar, 2 teaspoons vanilla and cream cheese until smooth and fluffy. Spread over crumb mixture. Bake at 350 degrees 20 to 25 minutes, until set. Mix sour cream, 1/4 cup sugar and remaining 1 tablespoon vanilla. Spread over cheese; cool. Spread Wilderness Cherry Fruit Filling over sour cream mixture. Cover and refrigerate at least 8 hours. Serves 16 to 18.

Wilderness

So fresh you'll think you picked it yourself.

DARROW M. V

Chewy squares *of fresh-fruit candy have sprightly flavors of cranberries and orang*

Fresh fruit candy squares

A sweet solution to what to offer holid guests or to give as gifts is this e homemade candy. It's a brightly color chewy confection that combines so favorite holiday flavors—cranberri oranges, and nuts.

One batch goes together in about half hour and makes 45 two-bite-size squar Store them in a loosely covered co tainer for up to 2 weeks.

Cranberry Candy

2 cups (about ½ lb.) fresh or frozen cranberries
1½ tablespoons grated orange peel
¾ cup orange juice
3 envelopes unflavored gelatin
1½ cups sugar
1 cup chopped walnuts

In a 2- to 3-quart pan, combine cra berries, orange peel, and orange jui Set over medium-high heat, cover, a cook for about 15 minutes, or ur cranberries soften and pop open; cool

Whirl mixture, a little at a time, in blender until smooth; then force throu a fine wire strainer, discard residue.

In the pan, combine cranberry pur gelatin, and sugar; stir to dissolve sug Cook, stirring, over medium-high he for 10 to 12 minutes, or until you c see pan bottom for a full second wh spoon is drawn across. Remove fro heat and stir in nuts.

Spread mixture evenly into a well-bu tered 5- by 9-inch loaf pan and let stan uncovered, for at least overnight. C into 1-inch squares and arrange in single layer on a wire rack. Let stan uncovered, overnight to dry (candy w be moist-dry). Makes about 45 pieces.

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OVEMBER IN YOUR GARDEN:

Maybe the rainy season starts. Fall planting season continues... bulbs, annuals, shrubs, trees

e promise of the first blustery storm the season later this month should ep gardeners scurrying to finish fall nting. Crisp, sunny (but short) days ke gardening appealing, and occa- nal showers may refresh newly nted trees, shrubs, annuals, perenni- , bulbs, and vegetables. (See check for planting opportunities this nth.)

rlic from the grocery store

though you may have been concen- ting on ornamentals for most of your l planting, don't forget this is also a od time to plant garlic. You can buy ves from nurseries, but you may find selection even more varied if you eck the produce section of your favor- market.

e variety you're most likely to find w at the supermarket is 'California te', which tends to store better and ger than the other common market rlic, 'California Early'. The early va- ty has larger cloves, and the skin on clove has a slight pink tint. Both of these garlics have a potent flavor.

For a mild taste, try elephant garlic, which has jumbo-size cloves in a head that is about 4 inches across.

The red garlics (with purple-red sheaths and red-skinned cloves) pack the same punch as the whites—some feel they are even more potent. They usually mature earlier than white varieties. You can find them at health food stores.

Plant cloves with base downward, 1½ inches deep and 4 to 5 inches apart (6 to 8 inches for elephant garlic). Stop watering in May or June when foliage first starts to dry, and harvest about three weeks later when leaves are about two-thirds brown. Let dry on the soil surface (with leaves protecting the bulbs from sun) until the sheath becomes papery (about two to three weeks). Store in a cool, dry place.

welcome at garden gate

y colored fall flowers and foliage me Thanksgiving guests at this n gate. Behind the golden yellow anthemums at left are feathery, -splashed leaves of Chinese pistache *cia chinensis*). The puckered, red leaves in front belong to f nandina (*Nandina domestica a*').

range pumpkins double as iners and ornaments in this gement. Here, they're hollowed out e Halloween jack-o'-lanterns—and in three ways: filled with water to pistache branches; as a temporary or nandina (transferred from a lon nursery can); and as a ative holder for a plastic pot of anthemums.

Check for nursery bargains

Bargain hunters looking for nursery trees and shrubs will often be rewarded this month. A traditionally slack time is becoming a booming sales season since many nurseries are offering their general stock at bargain prices to clear the decks for Christmas plants and merchandise.

Nurseries are reporting a surplus of shrubs and trees due to a slowdown in housing construction and the subsequent lower demand for landscape plants. Because of this surplus and the reduced sales appeal of old stock the following spring, many nurseries are making a concerted effort now to move out stock before the rains set in.

Finally, some nursery owners are beginning to fear the possible effects of the Medfly on fruit tree sales. Look now for some exceptional buys on fruit trees.

One new pyracantha grows tall ... the other stays low and mounding

Bright red berries decorate many varieties of pyracantha now, and draw attention to the appeal of these plants in the landscape. If you are planning to put in pyracanthas, you might be interested in two varieties recently introduced by the U.S. National Arboretum in Washington, D.C.

'Teton', which can reach 12 feet high, is notable for its upright growth habit. Since branches tend to grow upward instead of spreading, this variety is a particularly good choice where you want a narrow hedge or screen. The white blooms in spring are followed by bright yellow-orange berries in fall.

'Navaho' is low growing and usually stays shorter than 3 feet. Its mounding form makes it an attractive low hedge or foundation planting. In spring, the plant is blanketed with white flowers, and the fruit matures to an orange-red color in fall.

Gardeners in foggy coastal areas might be particularly interested in these varieties since they are reported to be resistant to the fungus disease, scab, which is rare except in areas with foggy summers. Leaves and berries infected with this disease develop dark, scab-like areas before withering and dropping.

Both varieties are also resistant to the more common fireblight, which causes sudden "scorching" of foliage.

Sow sweet alyssum seeds now for a quick flower border

Sweet alyssum (*Lobularia maritima*) is one of the easiest annuals to start from seeds, and can quickly create a frothy border of white or purple blooms to dress up a pathway or planting bed. This

Sunset's
GARDEN GUIDE

Sunset's GARDEN GUIDE

LARRY BULLIS

Plastic sheets on A-frame *sides roll down to trap heat, up to let rain reach plants; twine holds roll to ridge beam*

obliging annual also helps enhance the blossoms of other annuals or perennials, as shown in the photograph here of Frank and Pat Matagrano's Hillsborough, California, garden.

To achieve this effect, sow seeds now. For best results, work in plenty of organic amendments, then rake soil smooth.

Broadcast the seeds over the soil surface, and rake in lightly (for a more even distribution of the seeds, mix them with sand before sowing). Cover with a thin layer of mulch to discourage birds. Water beds. At the same time you sow the sweet alyssum seeds, you can also sow bachelor's buttons or cornflowers (*Centaurea cyanus*).

A-frame extends the seasons

It's hard to put a name on the A-frame season extender pictured here. It's not a greenhouse, but it does trap heat when its plastic sides are rolled down, allowing tomatoes to remain on the vine several weeks longer than they would if they were growing outside.

The structure also gives summer crops an earlier start in spring than they could get in open ground.

Built from 6-foot-long 2 by 4's and 1-by-4 braces, the structure is 5½ feet wide at the base and 35 feet long. It houses cucumbers, peppers, early beets, radishes, lettuce, carrots, and tomatoes.

Each 7-foot-wide plastic sheet that covers the frame is stapled to the top and to a 2 by 4 that serves as a weight to keep the plastic down and provide a core on which to roll it up. The ends are permanently covered with plastic; two 100-watt light bulbs installed inside take the edge off mild frosts.

'Carpet of Snow' *sweet alyssum brighte gravel path, enhances pelargoniums an bachelor's buttons that she's picking*

Before you decide a plant is guilty of invasive roots

If you have had problems with roots vading your sewer pipe, you might w to consider taking out the offending pl now since November is a good mo for relandscaping.

In order to figure out which plant causing the damage, you first have to cate the underground pipe (called

NOVEMBER CHECK LIST: *Here are fall ch*

☐ **Care for chrysanthemums.** Stake and tie plants if you haven't already, to help them withstand heavy rains. Make sure plants have adequate moisture until they finish flowering, then cut the bloomed-out stems back to 3 inches above the ground. If your soil gets waterlogged in winter, lift root clumps to the top of the soil and mound dirt around them.

☐ **Care for fuchsias.** Hold off pruning until spring. In cold-winter areas, move container-grown fuchsias into a protected area or cover roots with a foot of mulch.

☐ **Clean up.** Rake up fallen leaves and other plant debris. Hoe or pull weeds, especially run-away grasses, to keep them from taking over sparse flower beds.

☐ **Control peach leaf curl.** If this disease has been a problem, you can apply a dormant spray between mid-November and mid-December. Apply a spray of Bordeaux mixture or lime sulfur. Try to spray during a dry spell, then apply again in February before buds swell.

☐ **Dig bulb-like plants.** You can dig dahlia rhizomes, begonia tubers, and gladiolus corms now. Trim leaves and stalks, clean off soil, and store in a cool, dry place until spring. Cannas and dwarf dahlias can stay put through winter in most mild areas; cut old flower stalks to the ground.

☐ **Fertilize.** Annuals planted month appreciate a light fe ing this month. You can also fer ize lawns this month if you have already done so this fall.

☐ **Plant annuals.** You still ha time to set out winter annua Plant calendulas, fairy primros Iceland poppies, snapdrago stocks, and violas as early in month as possible. You can also s seeds of bachelor's button, cand tuft, forget-me-nots, linaria, alyssum, and sweet pea (see pho graph above).

☐ **Plant bulbs.** Fall is tradition bulb-planting time. Amo those you can plant now are ane one, crocus, daffodil, freesia, ix

uilding sewer") that connects the use to the main sewer and calculate ich roots it intersects. (Generally, ots extend as far as the drip line.)

locate this pipe, contact the agency at maintains the sewers—you can find e name on your property tax statent. The agency generally will be able tell you where your sewer crosses your operty line. (This information is avail- le only for houses built after a city was corporated.) Then, to figure out where e pipe enters the house, look in the awl space or basement and note where ur pipe system (building drain) goes t the foundation.

u can calculate where your sewer pipe by assuming that it is a straight line tween these two points.

course, this is not a foolproof system ce pipes occasionally will be curved, t it is accurate in most situations. If u want to check—and don't mind dig- ng—your sewer pipe should be about eet below the surface near the house, d slope at the rate of ¼ inch per foot ward the property line.

arn about sophisticated rain barrels

inwater that rushes off the roof and es out gutter downspouts is a valuable ource lost. You can capture some of s with a simple rain barrel, or you ght want to learn about more sophisti- ed cisterns you could make yourself.

e source of general information is the ently published 56-page booklet, *aptured Rainfall: Small-scale Water pply Systems"* (available for $1.06 m the Department of Water Re- urces, Box 388, Sacramento, Calif. 802). This publication summarizes the ormation presented at the Rainwater Cistern Symposium held in Monterey in 1979, and is a good introduction to water collection for home use.

If your insect spray is an aerosol

Since artificial heating often creates favorable conditions for insects and mites, you may be noticing a population explosion on your house plants or plants brought in for the winter. If you find you must use an insecticide or miticide, be particularly careful if your spray is an aerosol.

Although the potential hazards of aerosol propellants to the atmosphere have been widely publicized, you may not realize that these propellants burn leaves when applied in too heavy a dose. Give plants only a light misting so that they still look dry, and consider switching to one of the pump sprays.

Success with crisphead lettuce

Success is often elusive for gardeners attempting to grow crisphead lettuce. Plants frequently fail to set heads, or simply bolt and turn bitter. Heat is often the culprit since these lettuces form heads best when temperatures average about 55° to 60°. (They do tolerate some frost.)

Leo Kibby of Saratoga, California, discovered that he got the best crops when he planted in late fall instead of spring (see photograph at right). After preparing the soil with organic matter, he sows the seeds the first week of November in an out-of-the-way, sunny spot in the garden. Space rows 8 to 12 inches apart, and barely cover seeds with a mixture of soil and peat moss.

In about 6 weeks, after seedlings are 3 to 4 inches tall, he gently digs some up and replants them 12 inches apart in the main garden alongside his other winter vegetables. Nylon net provides protection from hungry birds. Seedlings that are not moved are allowed to grow, and Mr. Kibby harvests leaves from them while waiting for heads to form on the other plants. All are watered attentively and given monthly feedings. □

Proudly displaying *hefty head of lettuce, Saratoga gardener proves merit of sowing lettuce seed in fall*
NORMAN A. PLATE

opportunities . . . especially planting

es, ranunculus, sparaxis, and min- ure bulbs. Tulips and hyacinths l do fine in mild-winter areas if u keep them in the refrigerator's etable crisper for three weeks be- e planting.

☐ **Plant lawns.** You can still sow the hardy cool-season grasses nt, bluegrass, fescue, rye) this nth. But the longer you wait, the re problems you're likely to have h rain washing away seeds. This also a good time to have a sod n put in.

☐ **Plant perennials.** Perennials sold in sixpacks and 4-inch s are a good buy now. Many series still offer them, as well as e bare-root kinds such as baby's breath, bleeding heart, and phlox. Those you plant now will grow faster and bloom earlier than spring-planted ones.

☐ **Plant trees and shrubs.** Plant any trees or shrubs except frost-tender ones, or ones that will be sold bare-root in January.

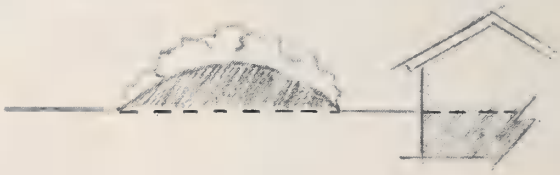
☐ **Plant vegetables.** Gardeners in mild winter areas can still sow seeds of beets, carrots, chard, lettuce, peas, spinach, and turnips—but don't delay. You can also set out seedlings of cole crops. Prepare beds for bare-root perennial vegetables and cane berries, which will be available at the end of the month.

☐ **Select living Christmas trees.** If you choose your tree this month before the Christmas rush, you will have a wider selection to choose from. Keep trees outdoors until mid-December.

☐ **Sow wildflowers.** November is prime time for sowing wildflower seeds for bloom next spring and summer. Many of the following flowers are available now: baby blue eyes, forget-me-nots, California poppies, godetia, larkspur, linaria, and lupine. Keep the soil moist until the seeds sprout.

☐ **Water.** Established landscape plants will require less water as days get cooler, but all new plants need regular watering until rains are heavy enough to soak the soil thoroughly.

NORMAN A. PI



Wind protection: *6-foot-berm formed from soil excavated for house is heavily planted with ground covers, shrubs, and perennials. On wind-protected side (photograph at left) flagstone patio in right foreground was scooped from berm. Owners: Barbara and Glenn Zimmer, Colorado Springs, Colorado. Design: Gernot Heinrichsdorff*

For noise control, front-yard privacy, outdoor living space

Berm it

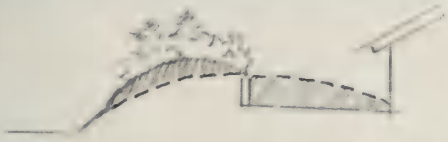
You probably can't do much about the flow of traffic along your street—but you may not have to listen to all of its annoying rumble. Tests show that the best way to reduce traffic noise is to put a solid barrier combined with plantings between the sources of the noise and the area you want to make quieter.

The four gardens you see here combine earth and plants to absorb and deflect traffic noise. (The solid barrier could also be thick masonry or solid boards, though the earth is most effective.) In three of the examples, this appreciably quieter zone has been turned into private outdoor living areas.

For best results, place the solid barrier as close as possible to the noise source with plantings behind it. To increase the barrier's effectiveness, cover it on the noise side with vines, shrubs, and ground covers. Low, dense, evergreen plants in front of taller evergreen shrubs and trees present the mo efficient sound screen. Make the screen as wide and dense space permits and include plants with foliage to the ground.

Make the barrier high enough that you can't see the sourc of the noise from the area you want to protect. Where y can't build up, you can achieve similar results by loweri the grade on the house side. The barrier mass gives imme diate results, but you'll have to wait until plants fill out befor they reach their full sound-reducing potential.

A good reference is *Suburban Noise Control with Plant Ma terials and Solid Barriers*, by David I. Cook and David F Van Haverbeke. For a copy ($1.75 postpaid), write to Engi neering Extension Service W 181, Nebraska Hall, Universit of Nebraska, Lincoln, Neb. 68588, and ask for Researc Bulletin EM 100.



Year-round sound and privacy screen: *evergreen pines and junipers embellish natural mound of deciduous scrub oak. New paved patio was cut into mound from behind. Owners: Marian and Roy Slemon, Colorado Springs. Design: Gernot Heinrichsdorff*

Verdant berm *planted three years ago with acacias, cassias, eucalyptus, rosemary was formed by scooping out soil from in front of the house. Top of retaining ring around pine at right is former grade. Owners: Maggie and Geoffrey Bruce, Scottsdale, Arizona. Design: Steve Martino & Associates*

Sound buffer along busy street: *soil moved from lowering entry grade 12 inches forms 30-inch-high mound with turf, rock, pines, spruce, ground covers; behind it is off-street parking area. Owner: Peter Kooi, Denver. Design: Jim Burrows of BGK Assoc., Ltd.*

DAVID STUBBS

Blue Fountains *is a good name for these sturdy, sensibly proportioned delphiniums. Supporting stakes are noticeably absent*

A better delphinium? Blue Fountains could be it. Tall enough, sturdy, no stakes needed

A long-time reader of *Sunset* told us about the delphiniums pictured above; his enthusiasm was so infectious that we caught it and went to visit the planting. We had to agree that the strain shown, Blue Fountains, represented a real advance in breeding delphiniums as a garden plant.

The spikes may never reach the immense heights of the Pacific or Giant Pacific strain (up to 8 feet), but what they do they do on their own, without the staking needed by the giants.

On the other hand, these are obviously taller than 2 feet, the height usually ascribed to them by seed catalogs. The 5-footers shown above are growing in ideal delphinium country—about 100 yards from the central California coast. But we have heard of similar performance from plants in the coastal valleys.

Seed is available from a number of sources. You can plant now if you can assure seedlings a temperature of 55° to 65° for three weeks to a month, then protect them from heavy freezing until they are large enough to be set out in the border. For example:

In Southern California or the low desert, sow seeds out-of-doors in pots or flats in a shaded spot. In northern California, seedlings need the shelter of a frame, a cool, bright room, or a cool greenhouse. In the Northwest or the mountains, wait until early spring, or sow indoors in late winter (February).

When you get the seed, plant it or store it in the refrigerator—don't just hold on to it. Seed deteriorates rapidly under dry, warm conditions. If you don't wish to put it in cold storage, sow it and leave the pots outdoors to sprout in spring. Be sure to protect against birds, squirrels, slugs, and snails.

Sow seed in a rich, sandy soil mixture and cover it with a layer of soil about the thickness of a dime. Water well, then cover with a layer of burlap or damp newspaper (seed should not be exposed to light). Check carefully and uncover when sprouting begins in about three weeks to a month.

Transplant when two true leaves have formed, spacing plants 3 to 4 inches apart, or move into small pots. Set out when danger of continued hard freezing is over. (Established plants can take hard freezing.) □

Dark centers *are known as bees. Flowers are white, pale to deep blue, violet*

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The fancy English

Here shown life-size are lacy, curly, and otherwise fancied-up variations of English ivy. They're easy to grow, endlessly useful

Lacy, curled, ruffled, or speckled, all of the ivies above are small, fancy-leafed variations of everyday English ivy (*Hedera helix*). They're decorative, durable, and easy to grow—three good reasons to give them a try.

The 11 kinds pictured are just a sampling of the several hundred known varieties of English ivy. In fact, there are so many variations of color and leaf shape that the American Ivy Society groups them into eight categories: familiar lobed-leaf ("ivy" ivies), fans, curlies, heart shapes, miniatures, bird's foot, oddities (such as an upright 'Erecta'), and assorted kinds with variegated foliage.

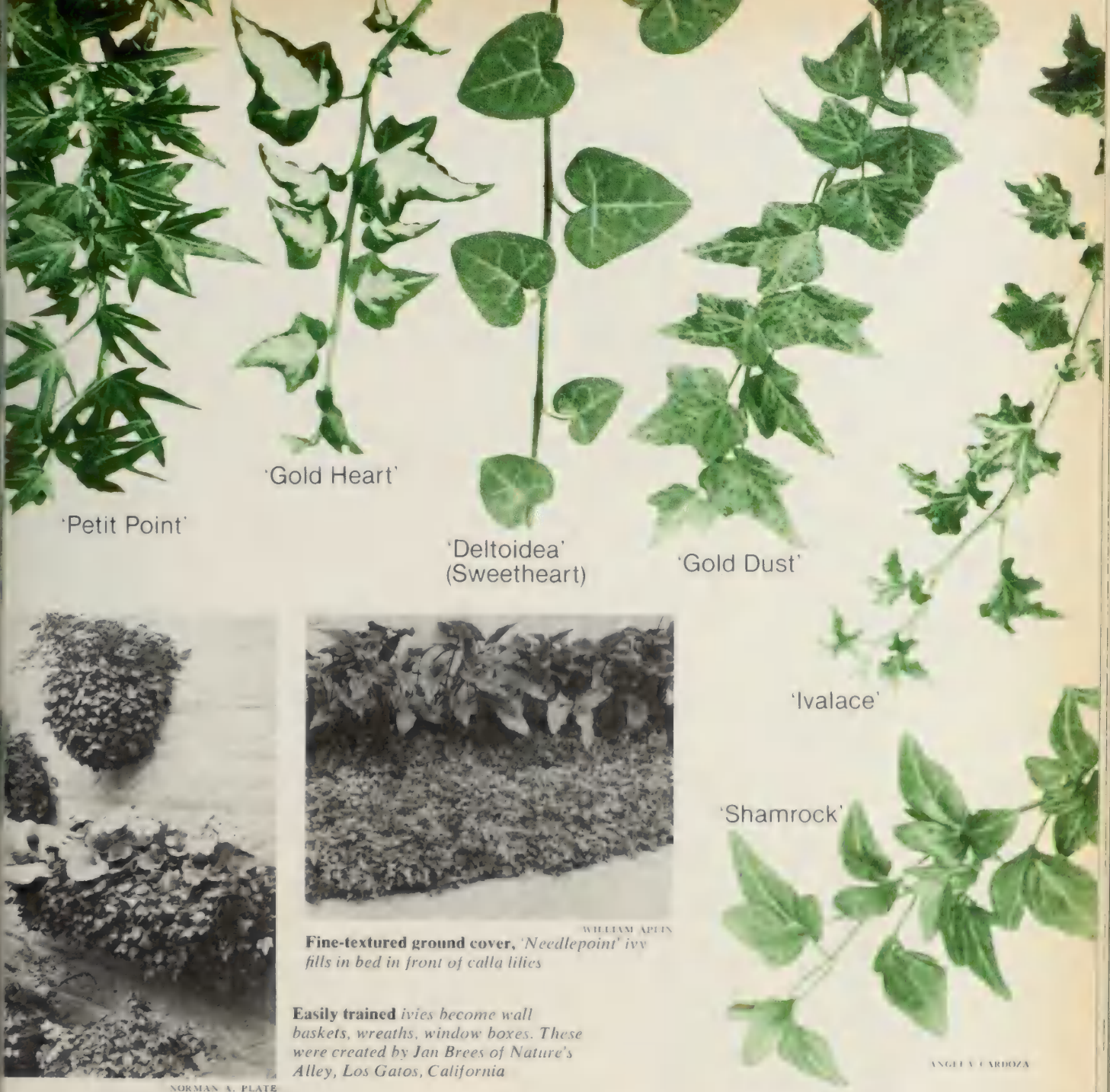
These little-leafed ivies make tough, neatly textured ground covers for tight areas; you can add color by underplanting them with spring-flowering bulbs. Or plant them to clothe a masonry fence or to track a cut-leaf trail against a patio wall.

They thrive in pots, planter boxes, and hanging baskets. Patio and indoor gardeners train them up trellises to make evergreen espaliers or on wire forms to make leafy baskets or fanciful topiary. Or use them as florists do: in terrariums, mixed with ferns in indoor plant arrangements, and as long-lasting cut foliage in bouquets.

Where you can get them: nurseries, mail-order suppliers

A few—'Needlepoint', 'Glacier', and 'Hahn's Self Branching' (not shown)—are sold in nurseries as ground covers. In response to increased demand, some growers of indoor plants are expanding their ivy production, so you may also find (often unlabeled, sometimes sold under different names) more varieties, such as 'Gold Dust', 'Shamrock', 'Ivalace', 'Deltoidea', 'California Fan', 'Maple Queen', and 'Gold Heart' in house plant shops.

Specialty nurseries are the best sources of hard-to-find varieties. You can order by mail from Hewston Green, Ltd., Box 725 Woodinville, Wash. 98072 (catalog, $1); Merry Gardens, Camden, Maine 04843 (price list, $1); The Garden Spot, 4032 Rosewood Dr., Columbia, S.C. 29205 (send a stamped, self-addressed envelope); and Tropexotic Growers, 708 60th St. N.W., Bradenton, Fla. 33529 (catalog, $1).



NORMAN A. PLATE

WILLIAM APTIN

Fine-textured ground cover, *'Needlepoint' ivy fills in bed in front of calla lilies*

Easily trained *ivies become wall baskets, wreaths, window boxes. These were created by Jan Brees of Nature's Alley, Los Gatos, California*

ANGELA CARDOZA

lanting and care

here winters are mild, there's still time to plant ivy outdoors s month; elsewhere, wait until spring.

though English ivy is hardy in most of the West, cold tol- nce hasn't been determined for all of its varieties. Some fairly tender. And keep in mind—even in mild climates— t greenhouse-grown plants have been babied; they're best ot inside or gradually hardened off (moved slowly into der temperatures) before you try growing them outdoors.

tablished ground covers can tolerate neglect, but you'll get lushest, greenest growth by giving these ivies bright shade d regular watering. It's good practice to fertilize in spring d early fall. Trim straggly edges two or three times a year. courage dense, low growth by mowing or shearing mature ntings in the spring.

loors, ivies like cool temperatures (near 60°at night), good irect light, and extra humidity (mist the leaves or place nts over pebble- and water-filled saucers). Moist, not soggy, soil suits them: let the surface dry out slightly between waterings. Feed at half the strength listed on fertilizer labels. Clip fairly frequently to maintain shape and spur growth.

Propagate your favorites

Ivies are among the easiest plants to multiply. A few of the fancy-leafed forms are slow growing, but most root readily. Take tip cuttings 4 to 6 inches long, remove lower leaves, and set stems 2 to 3 inches deep in moist potting soil until rooted; then transplant into small pots. (Cuttings also root quickly in water, but don't transfer well to soil.) Or layer stems by pinning runners to soil, cutting them free when they're well rooted.

Where to learn more

Ivy afficionados can increase their knowledge—and their ivy collections—by joining the American Ivy Society, National Center for American Horticulture, Mount Vernon, Va. 22121, or the California Chapter of AIS, 16005 Fellowship Road, Valinda, Calif. 91744. □

Firewood eucalyptus ... from seed

Dear Fuelwood Editor:

I have enjoyed the two *Sunset* articles on growing my own firewood, but much like the woman who wrote in the May issue, I'm stymied!

I don't want to buy eucalyptus seedlings, I want to raise my own. Do you have a list of people who sell seeds, not seedlings? Thank you.

Last May's article (page 286) told people who want to grow eucalyptus trees for firewood where they could buy small, inexpensive seedlings. (See page 214 of the February *Sunset* for a list of the eucalyptus species that are recommended for fuelwood groves in your area.)

There are two ways to obtain eucalyptus seed: you can collect your own ripe seed pods or you can buy packaged seed from one of the sources listed below.

Growing from seed may be the best way to start eucalyptus (they germinate as easily as marigolds). Most importantly, the roots will grow unrestricted by containers. For instructions for collecting and growing your own seed, see page 110 of the June 1978 *Sunset* or read under *Eucalyptus* in the *Sunset Western Garden Book*.

If you'd rather not collect seed, here is where you can buy.

Carter Seed, 475 Mar Vista Dr., Vista, Calif. 92083. Carries 70 species. Minimum package is ½ ounce; $5 to $8 per pack. Free catalog.

Clyde Robin Seed Co., Box 2855, Castro Valley, Calif. 94946. Carries about 50 species in small packs; $2 to $4 per pack. Catalog costs $2.

Dow Seeds Hawaii, 542 Ohohia St., Honolulu 96819. Carries 177 species.

John Brudy's Rare Plant House, Box 1348, Cocoa Beach, Fla. 32931. Carries up to 300 species on special order. Catalog $1.

Mistletoe Seeds, 910 Alphonse St., Santa Barbara 93103. Carries about 35 species. One-ounce minimum order; $4 to $15 per ounce.

Pecoff Brothers Seeds, Route 5, Box 215 R, Escondido, Calif. 92025. Carries 32 species; 1-pound minimum order, $25 to $168 per pound.

Stover Seeds, 1415 E. 6th St., Los Angeles 90021. Carries 50 species. One-pound minimum order; $30 to $50 per order.

Pecoff Brothers and Stover—with their 1-pound minimums—serve very large growers. With some species of eucalyptus, a pound of seeds could grow enough seedlings to plant half a township. □

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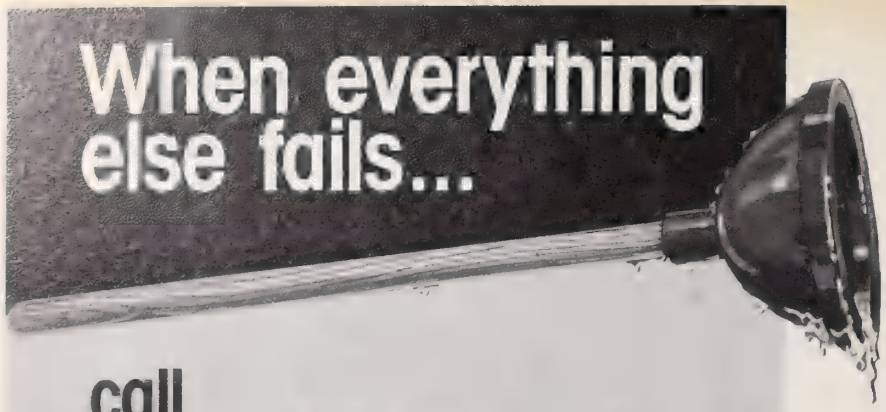

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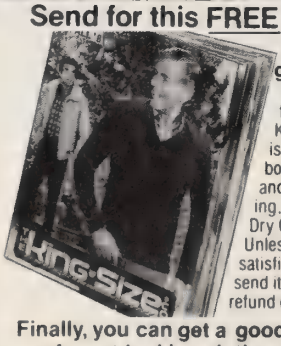

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NORMAN A. PL

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Designed to slip over the top of a stuccoed concrete-block wall, these pot holders hang without supporting hardware. They can be placed anywhere along the wall, and then be shifted or removed without leaving telltale traces.

William L. Beer of Tucson had a metal shop make up three hangers. Each has a shank of 2-inch-wide painted strap metal with a 10-inch-diameter ring welded to one end. The other end is shaped to fit over the wall. □

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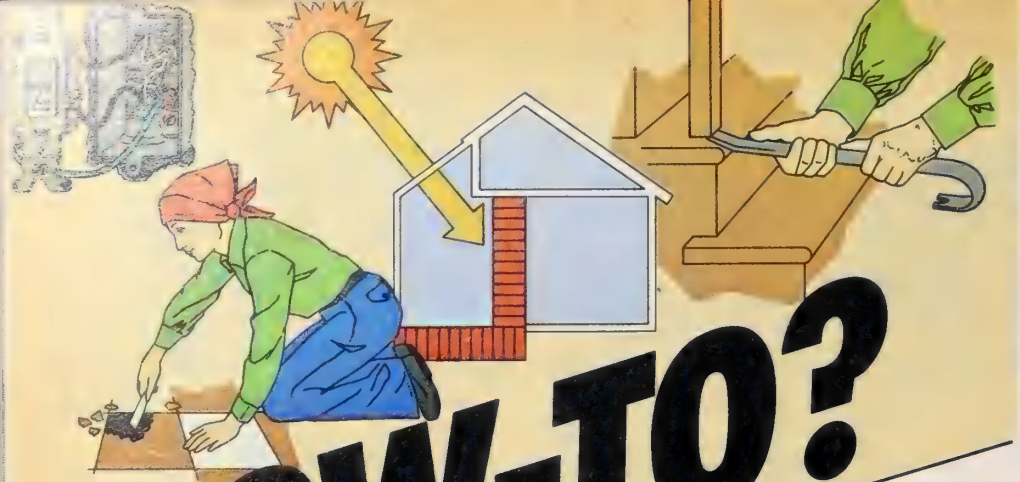

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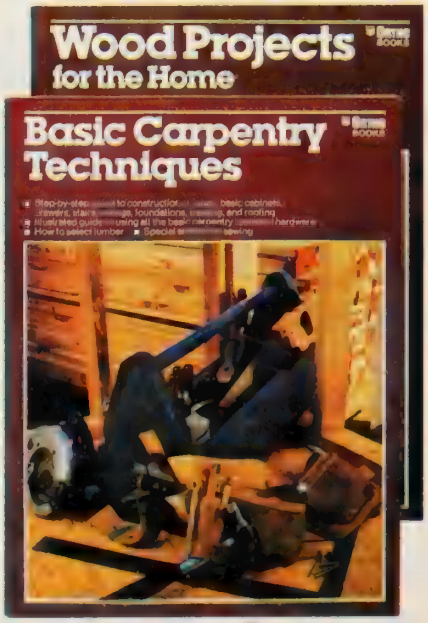

DARROW M. W

Scrap wood *storage rack is mounted to garage wall. Numbered containers are keyed to entries in record book*

Seed storage in numbered bottles

Plant collectors and other ardent garde ers are likely to be seed savers. But sa ing means storing until a convenie planting time; it's easy to lose seeds, to forget which is which. To keep h seed collection organized and to preser valuable information about its content Harry Butler devised a simple storag and indexing system.

He keeps the seeds in numbered plast bottles from prescription drugs. Eac numbered bottle has a correspondin page in a small loose-leaf notebook.

(The amount of information you woul enter depends on your zeal. It's impo tant to note date received and the source germination and growth data can hel you with future planting decisions.)

The shelves and ends of Mr. Butler rack are made of scrap redwood, and th backing is of plywood. Suit materia and dimensions to your own needs.

Save your pill bottles, cadge emptie from friends or neighbors, or buy the from a friendly pharmacist. Embossed adhesive-backed tape makes neat, per manent number labels.

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It's best to keep your seed rack in a coo room; seeds keep their germinating abil ity longer at low (but not freezing) tem peratures. A garage wall will do handily if the temperature stays above 32°. An unheated basement or utility room woul also work.

Once seeds have been cleaned and dried most can be stored for several years Notable exceptions are delphinium and most members of the parsley family, which should be sown at the first plant ing opportunity. Large, fleshy seeds (nuts and acorns) are best sown at once or kept for several months in damp sand or peat moss at low temperature. □

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Crowded *but not stressed, haworthia in shallow 5-inch pot is ready for division*

DON NORMA

Out of container, *rootball is solid and tangled. Roots will unsnarl with least damage if soil around them is dry*

Slowly and gently *are the key words. Break rosettes apart with a snap at their fleshy base, then pull stringy roots free of the tangle*

Repotted pair *fill new 4-inch pot. In two years, they'll be a family*

New haworthias from old

Plant a single *Haworthia fasciata* in a 4-inch pot, treat it anything but rudely, and in two years you'll have a potful of plants to divide and replant for gifts.

Easy to grow, this little succulent is commonly called fairy's washboard or zebra haworthia because of its horizontal white ridges. It grows in 3- to 4-inch-high rosettes that multiply until the pot is filled. Then, like hens and chickens, they stack up until they start to pop out of confinement.

The photographs above show how to divide a full pot of haworthia. Just knock it out of its container, gently break the rosettes apart and untangle their separate root systems, then replant them in individual containers.

Give haworthia a rich but quick-draining potting mix. Place pots in a sunny east- or west-facing window; in an unshaded south-facing location, light will be too intense and result in yellowish, washed-out-looking foliage. Water only when the soil is dry. Feeding plants with a high phosphorus fertilizer in January and again in March will encourage spring bloom. The tiny, trumpet-shaped, greenish white blooms appear on stems about 5 inches long.

There are several dozen haworthias. *H. fasciata* is the most common house plant, but others are available, most of them similar in form. The familiar kinds share the same growth requirements and are equally easy to propagate.

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ORTHERN CALIFORNIA

kland. November 1. Ninth annual hsia lore show presented by the ithlanders branch of the American chsia Society. Place: Lakeside Park rden Center, 666 Bellevue Ave. urs: 11:30 to 4. Free.

n Francisco. November lectures in the tinuing Tuesday botanical travelogue ies sponsored by the Strybing Arbo- um Society. *November 3:* Central nerican plants. *November 10:* litera- e of gardening. *November 17:* plants the Orient. Place: Hall of Flowers, lden Gate Park, Ninth Ave. and Lin- n Way. Hours: registration and book 1 plant sale, 9:30 A.M.; lecture, 10 to on. Fee: members, $2.50; nonmem- s, $3.50; seniors and students, $1.

rkeley. Lecture series by the East Bay gional Park District on three Wednes- s and three Saturdays. *November 4 l 7:* propagation. *November 11 and* pruning. *November 18 and 21:* na- e shrubs in the garden. Place: Re- nal Parks Botanic Garden Visitors' nter, Tilden Regional Park. Hours: 30 to noon. Free.

ckton. November 5. Show of holiday le settings and sale of decorations by Stockton Garden Club. Place: Stock- n Civic Memorial Auditorium, 525 N. nter St. Hours: 10 to 5. Admission is .75. For tickets, call Janet Lewis at 09) 982-5575. The tearoom will serve icheon throughout the day.

n Francisco. November 5, 12, and 19. nal dates in the Thursday evening le lecture series on gardens of antiq- y with noted lecturer Thomas Brown, onsored by the Strybing Arboretum ciety. Place: Recreation Room, Hall Flowers, Golden Gate Park, Ninth e. and Lincoln Way. Hours: 7:30 to P.M. Fee: members, $2.50; nonmem- rs, $3.50; seniors and students. $1.

frus Heights. November 7 and 8. irty-fourth annual chrysanthemum ow by the Sacramento Chrysanthe- um and Dahlia Society. Place: Foun- n Square Nursery, 7115 Greenback ne. Hours: noon to 6 Saturday; 9 to 6 nday. Free.

rkeley. Saturday afternoon lecture se- s by the East Bay Regional Park Dis- ct. *November 7:* poisonous, stinging, d other noxious plants. *November 14:* ectacular trees and shrubs. *November :* identical climates of Spain and Cali- rnia. Place: Regional Parks Botanic Garden Visitors' Center, Tilden Regional Park. Time: 2 P.M. Free.

Santa Rosa. November 13 and 14. The Art and Garden Club members of the Luther Burbank Art and Garden Center present their annual fall bazaar. Place: the center, 2050 Yulupa Ave. Hours: 10 to 4 both days. Free. A hot lunch ($3) will be served from 11 to 1:30.

Sacramento. November 14 and 15. Flower arrangement show presented by the Sacramento branch of Ikebana International. Place: Iva Gard Shepard Garden and Arts Center, 3330 McKinley Blvd. Hours. 1 to 6 Saturday; 10 to 5 Sunday. Free.

Saratoga. November 14, 21, and 28. Holiday wreath workshops at Saso Herb Gardens, 14625 Fruitvale Ave. Hours: 10 to 2; bring a bag lunch and cup. Fee, including all supplies: $25 (preregistration required). Call (408) 867-0307.

San Francisco. November 18. A holiday fair at the Josephine D. Randall Junior Museum, 199 Museum Way, off Roosevelt Way. The boutique sale, from 9 to 3, has no admission charge. A demonstration of floral arrangement techniques from 11 to noon ($5) requires advance reservations; call Mrs. Marion George at (415) 863-7435.

San Jose. November 27, 28, and 29 and December 4, 5, and 6. Twentieth annual Santa Clara County Holiday Faire. Place: County Fairgrounds, 344 Tully Rd. Hours: 11 to 8 daily. Admission: $2; senior citizens and ages 6 to 13, $1. The fair includes commercial exhibits, arts and crafts, floriculture, and decorated Christmas trees.

Orland. November 28 and 29. Sale of dried flowers, gifts, and decorations by the Garden Section of the Orland Women's Improvement Club. Place: Glenn County Fairgrounds. Hours: 10 to 6 both days. Free.

COLORADO

Denver. November 5. Basic techniques and individual instruction in wheat weaving. Place: Classroom B, Denver Botanic Gardens, 1005 York St. Hours: 9 to noon. Fee: members, $8; nonmembers, $10. Bring sharp embroidery scissors and a terry cloth towel. All other materials will be provided.

Denver. November 20 and 21. Christmas sale at the Denver Botanic Gardens' gift shop, including handmade potpourri, wreaths, swags, other holiday items. □

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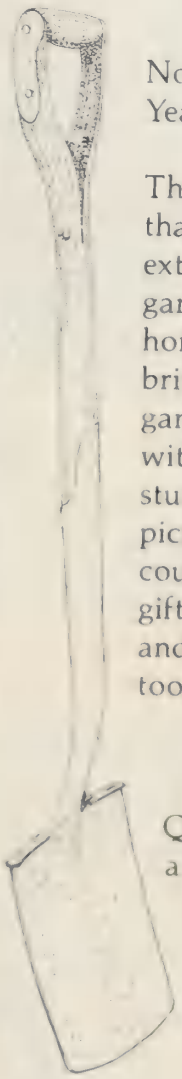

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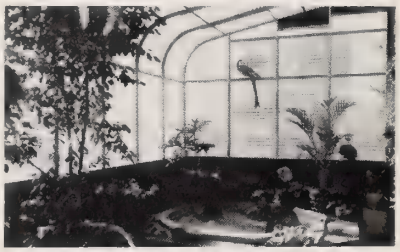

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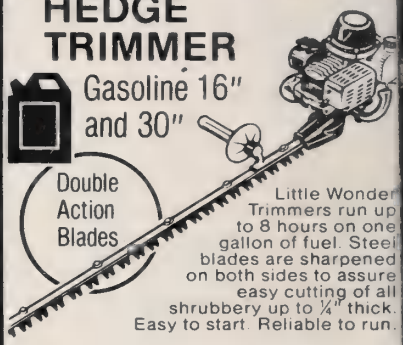

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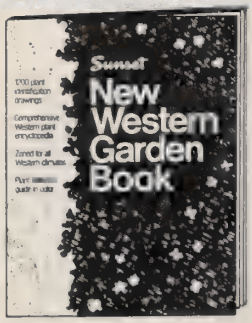

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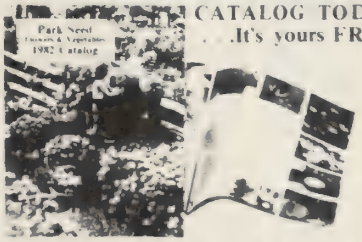

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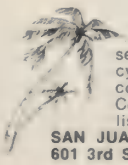

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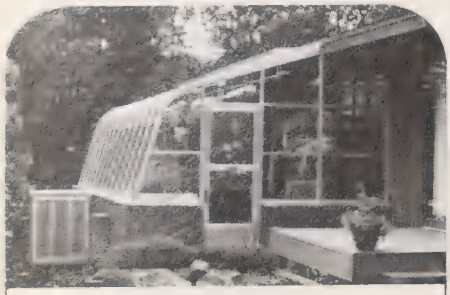

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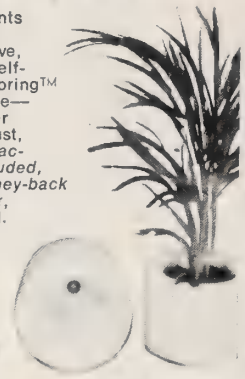

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Tongue-shaped leaves *of Japanese felt fern contrast with fronds of conventional fern in background*

Ground cover for shade . . . felt fern

If you've seen felt fern at all, you' likely seen it in a hanging basket or fe ball. Although it is epiphytic by natu and entirely at home in midair, it w also grow well in the ground. Here, slowly spreading rhizomes and thic leathery dark green leaves will ma a richly textured ground cover.

Japanese felt fern (*Pyrrosia lingua,* oft sold as *Cyclophorus lingua*) does not r semble the conventional finely divid fern. Its leaves (to 15 inches long, i cluding a 3-inch stalk) are solid to t sight and the touch. They are glossy da green above, felted and buff colored b neath. Leaves do not spring from a ce tral rosette, but rise individually from slender, wire-tough creeping rhizon like those of squirrel's foot or rabbi foot fern.

When felt fern is planted in the groun rhizomes creep along the surface at t rate of 6 inches or so a year, rooting ar sending up leaves every 2 or 3 inches.

Plants need shade (dense or light) exce in the coastal fog belt; they also nee rich, moist soil with good drainage ar an abundance of organic matter. Fe lightly two or three times during sprin and early summer. Groom by lifting o the occasional yellow or brown age leaf; it detaches easily. Propagate by rh zome cuttings with roots attached.

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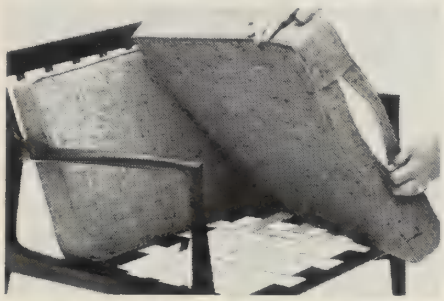

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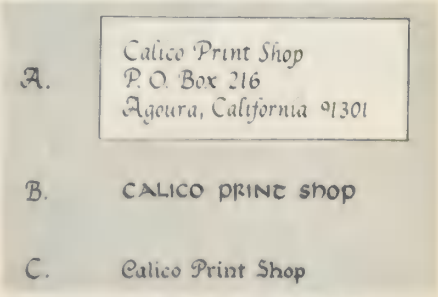

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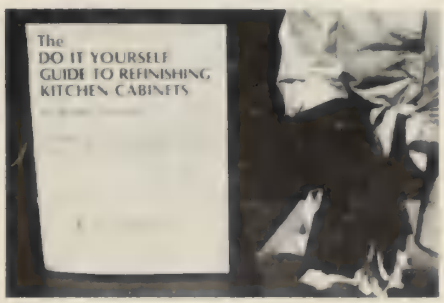

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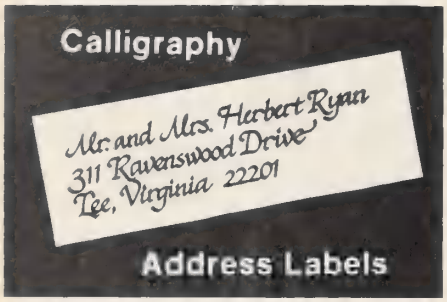

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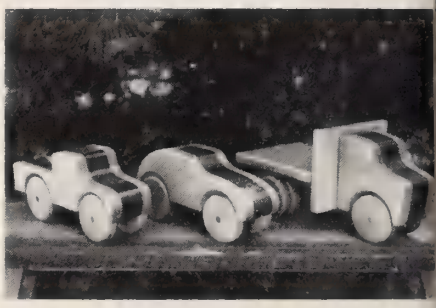

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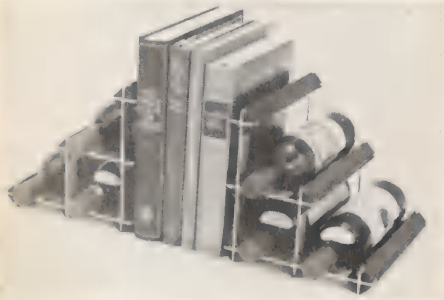

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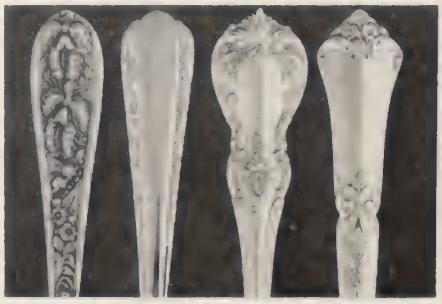

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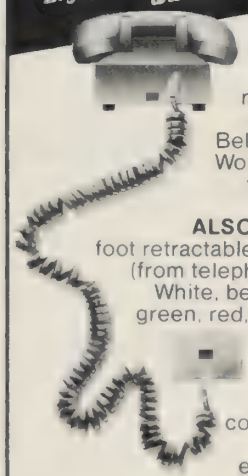

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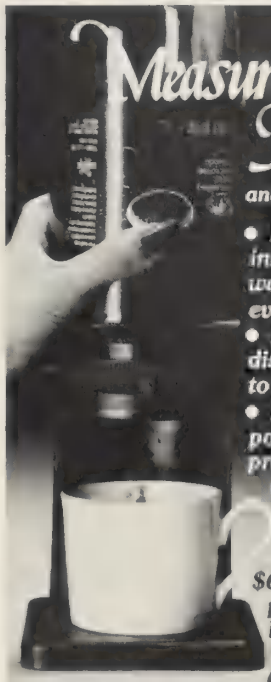

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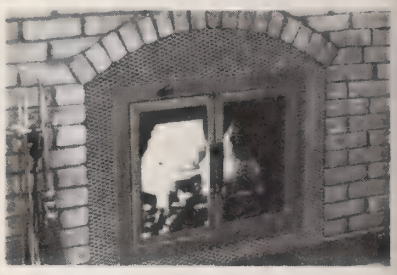

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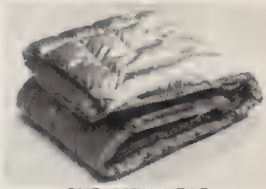

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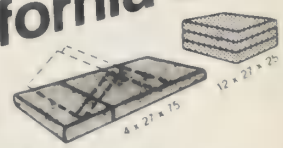

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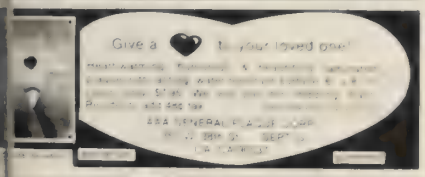

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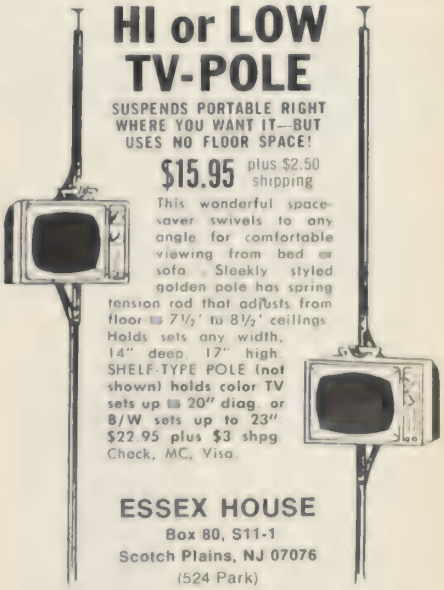

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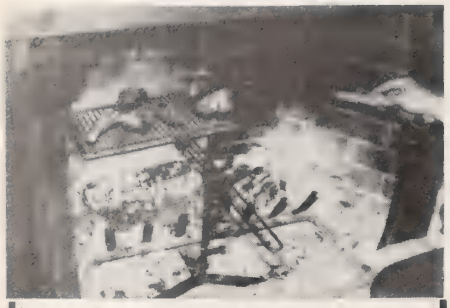

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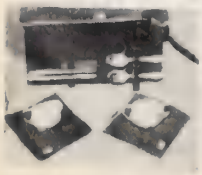

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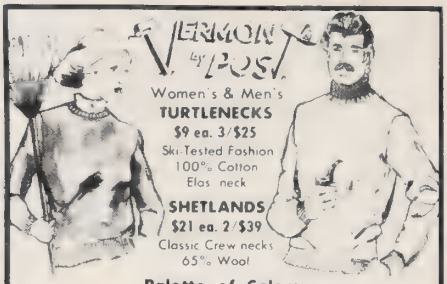

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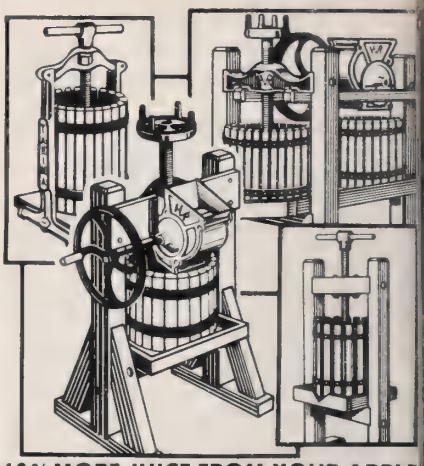

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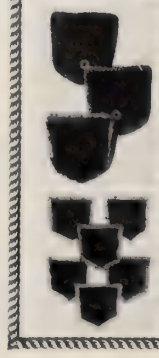

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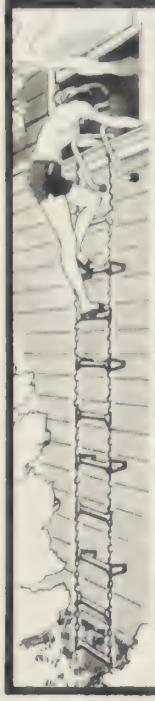

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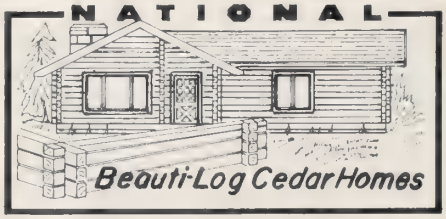

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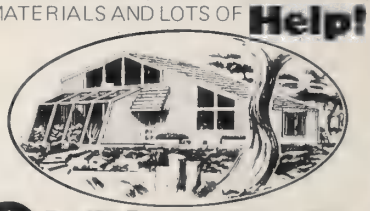

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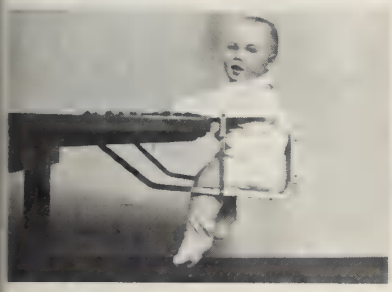

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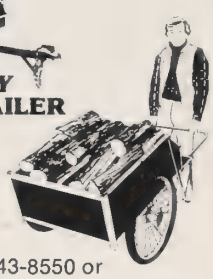

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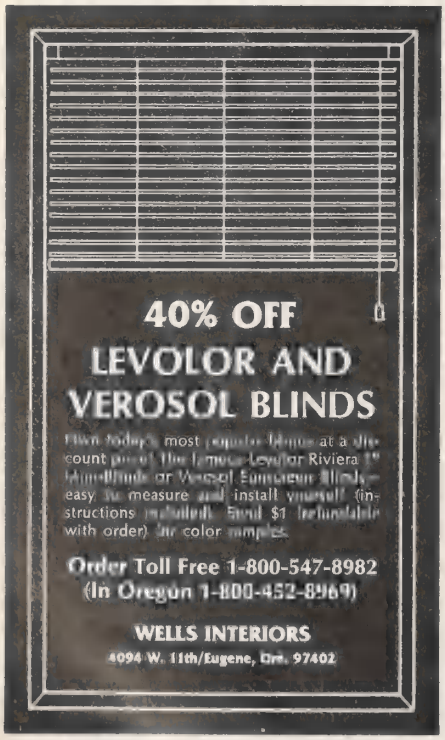

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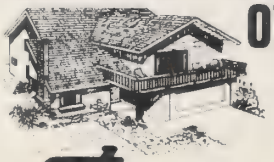

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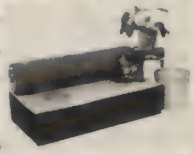

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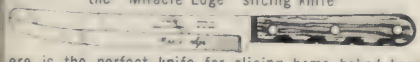

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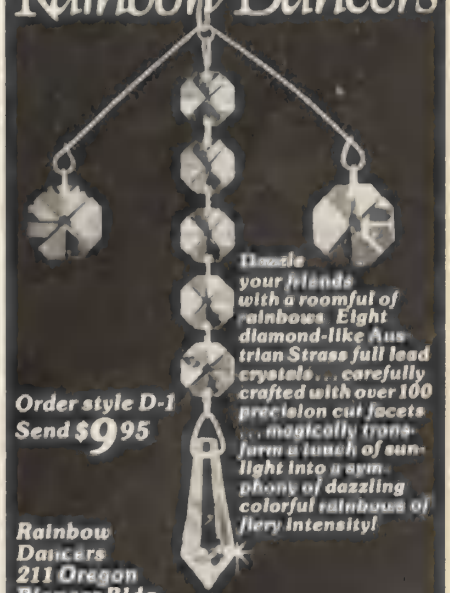

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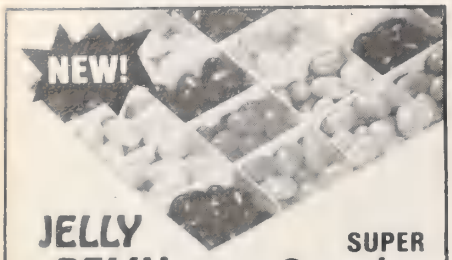

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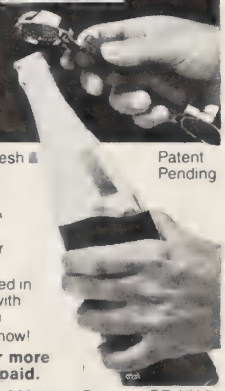

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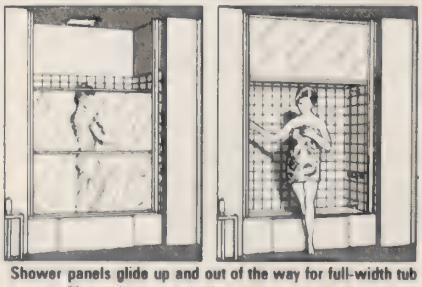

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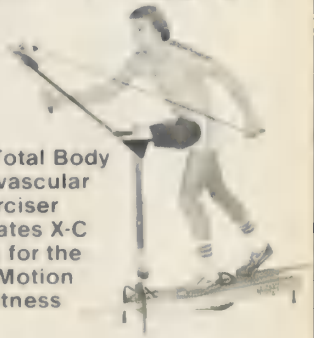

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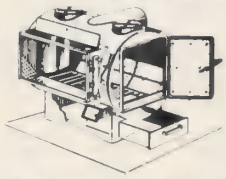

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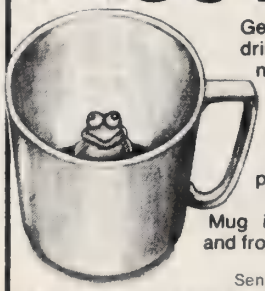
FROG MUG



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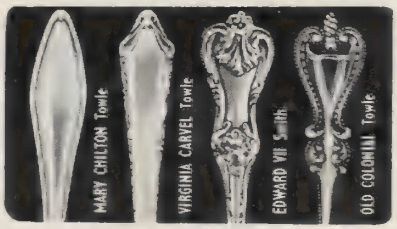

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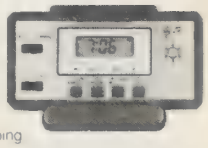

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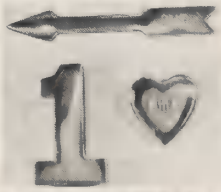

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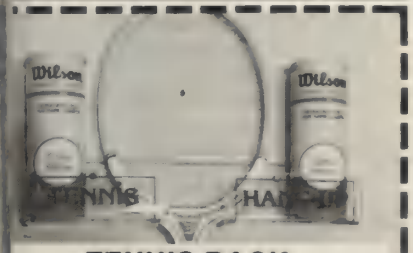

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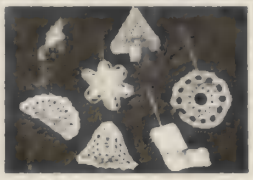

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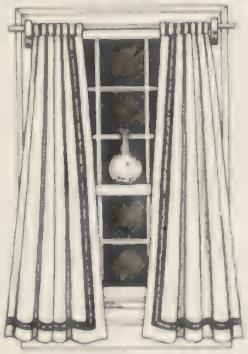

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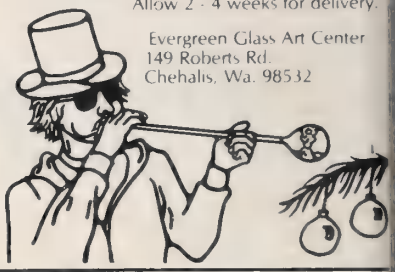

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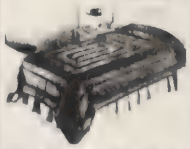

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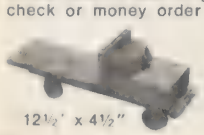

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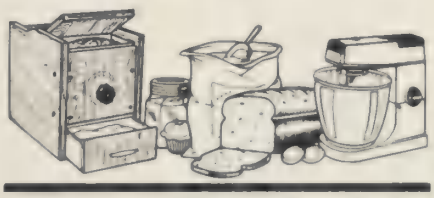

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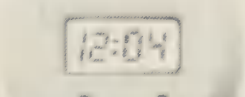

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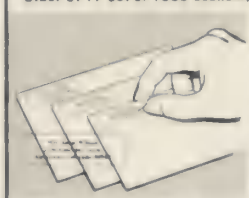

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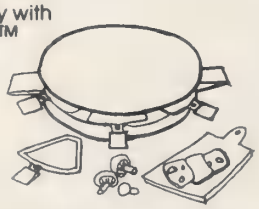

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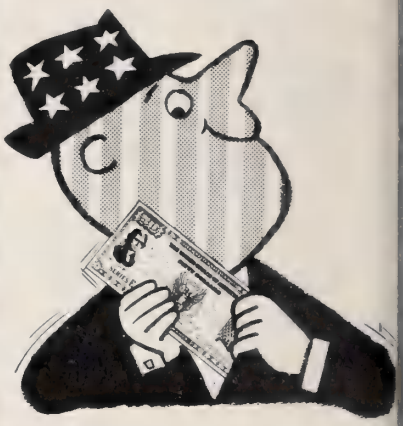

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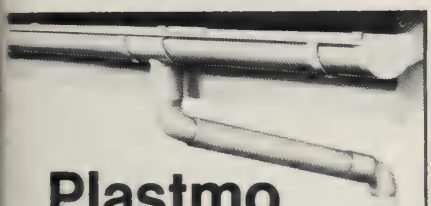

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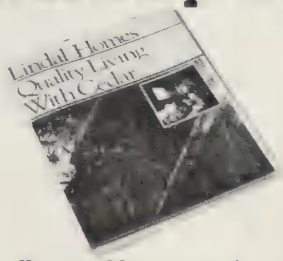

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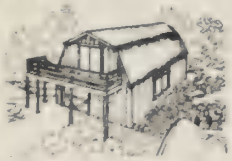

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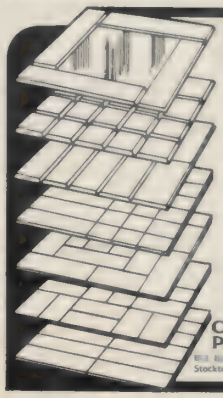

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DARROW M. WATT

Young avocado trees *grow in plastic sleeves at Sugar Hill Avocado Nursery*

Form counts. *Upright-growing, hardy 'Bacon' avocado (above) is good where space is limited. For broad spaces in mild climates, plant 'Hass' (below)*

Avocado discoveries in Santa Cruz County

Although many northern California gardens boast a producing avocado tree, most people believe that commercial production of the fruit is limited to the southernmost counties of California. In fact, there is some commercial production in Santa Cruz County, where about a hundred acres of avocados thrive in surprising proximity to 'Red Delicious' and 'Newtown Pippin' apples.

Enough fruit is produced to stock local markets and the produce stands along Holohan and Hecker Pass roads near Watsonville. (In some years, fruit is shipped to Ventura for packing.) This month and into January, you might find fruits of the 'Hass' variety for sale in and around Watsonville. Fruit from the area has an excellent flavor and a high oil content; it is sought out by local connoisseurs.

If the Medfly quarantine is still in effect, be sure to buy your fruit from a merchant who can show a certificate of compliance. Get a receipt for your fruit and hold on to it.

There are no quarantine problems with young avocado trees, and you can find three varieties for sale at the Sugar Hill Avocado Nursery, 301 Eureka Canyon Road, Watsonville. Trees ($10 each) are grown under drip irrigation in 11- by 17-inch plastic sleeves (pictured above) which guarantee a deep, healthy root system. To reach the nursery, take Freedom Boulevard from Watsonville or from State Highway 1 south of Aptos and turn north on Corralitos Road which becomes Eureka Canyon Road at the little community of Corralitos. The nursery is less than a mile beyond.

'Hass' avocados *have thick, nubbly skin with purplish black color. Fruit has high oil content, rich flavor; harvest time is November into January*

On the hillside behind the nursery, you can see a producing avocado grove. Notice the contrasting tree forms of the three different varieties: 'Hass' is broad and bulky; 'Bacon' and 'Zutano' are upright and relatively narrow.

'Hass' produces pebbly-skinned, blackish fruit from November into January. The broad, bushy tree is the tenderest of the lot. It can be reliably grown in zones 16 and 17 (see *Sunset Western Garden Book*), but fruit will be damaged at about 28°, the tree at 27°.

'Bacon' yields green fruit of fine flavor in May, June, and July. Hardy into the lower 20s, the tree grows tall and erect. 'Zutano', although not as high in quality as 'Bacon', is a consistent bearer that fruits somewhat earlier in spring. Hardiness and habit resemble 'Bacon'. These two varieties grow reliably in zones 15, 16, and 17; they're worth a try in zones 8 and 9. □

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PIA

WILLIAM APLIN

LETTER FROM *Sunset*

A rich garden heritage in Southern California

As *Sunset* has grown with the West since 1898, we've found that one the best services we can do for all readers is to report the horticultu innovations of the remarkable Southern California climate—as we sh other Western garden discoveries with Southern California readers.

To grasp the magnitude of the Southern California heritage, let's back 200 years. The settlers who moved into the Santa Barbara-L Angeles-San Diego coastal belt realized early on that they were livi in one of the most privileged gardening areas in the continental Unit States. For eight straight months each year, the sun shone almost eve day, with occasional coastal fogs but scarcely a sign of rain. Frosts we light and infrequent. Water—at least at first—was readily available.

All this added up to a climate that encouraged numerous native pla (now returning to favor) but also could welcome plants from startlin diverse parts of the world: avocados and apples, cedars and eucalypt roses and hibiscus.

Over the years, landowners and nurserymen combed the world exotic tropical, subtropical, and temperate-zone plants that soon p duced palm-lined boulevards, lush estates, well-treed parks. Even t Tournament of Roses, now often equated with football, was first (a continues to be) a horticultural celebration of the unthinkable: roses full bloom on New Year's Day!

On September 22, *Sunset's* part of this gardening heritage was und lined when Publisher L. W. (Bill) Lane, Jr., proudly accepted a Spec Bicentennial Award from Los Angeles Beautiful, Inc., for the mag zine's "contributions to Los Angeles beautification and quality of lif (Fellow recipients: Walt Disney Productions—for Disneyland—and t Community Development Agency.) As Bill Lane noted at the presen tion, the award recognized the efforts of *Sunset* staff members to bri innovation to Southern California garden reporting. Some highlights:

In 1952, *Sunset* set up a separate garden staff in Los Angeles (we ha a similar staff in Seattle). Our Menlo Park garden writers make regu visits to Southern California, as well as the rest of the West. Our Sou ern California garden articles, of course, are heavily "zoned," writt for just this one edition of the magazine, also read in Hawaii.

In 1957, we established a home demonstration garden at the Los Ange State and County Arboretum; it's been refurbished this year.

In 1967, the third edition of the *Sunset Western Garden Book* provid the first definitive maps of Southern California climate zones.

And for the past 20 years, our garden staff has regularly convened panel of some of the area's foremost gardening authorities; its 25 me bers include home gardeners, academics, landscape architects, fa advisers, nursery professionals. In tape-recorded sessions they contrib to both immediate and long-range *Sunset* research.

Southern California will continue to be a unique proving ground f Western garden and landscape innovations—and *Sunset* will contin to be a privileged participant.

WINDOW ON THE WEST: *Palms in Arcadia*

Sunset articles come alive at the Arboretum Foundation—*Sunset Magazine* Demonstration Home Gardens in Arcadia. This autumn you can see a display of manageable palms (like the king palm at far left) and popular home citrus, both featured in recent articles in the magazine. Exhibits change by season. The arboretum, at 301 N. Baldwin Avenue, is open from 8:30 to 5 every day except Christmas; adult admission is $1.

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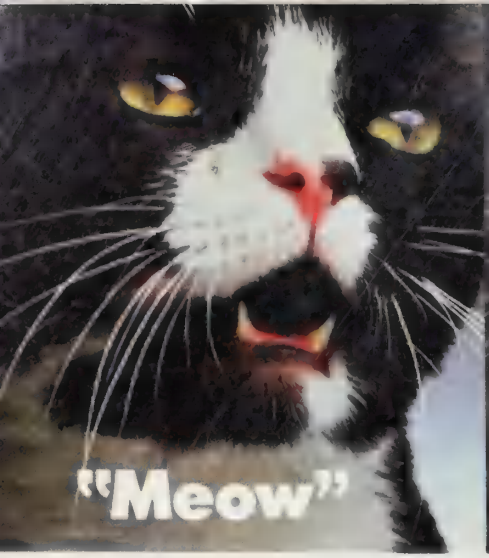

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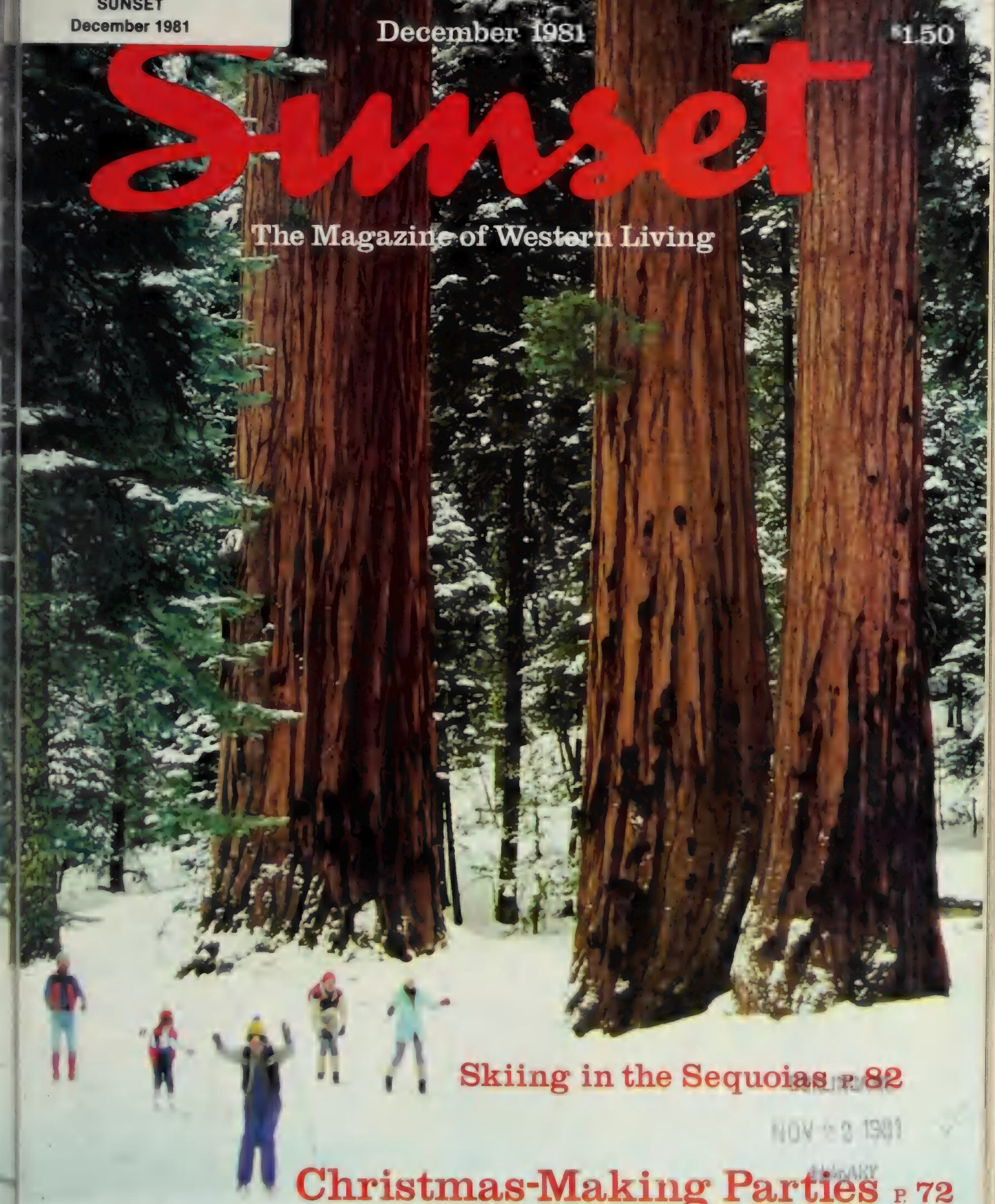

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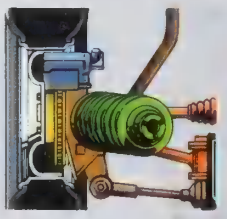
THE ESCORT WAGON

The best-selling wagon in America.

Escort Wagon came on the scene a year ago, and promptly became America's favorite wagon.* Maybe that's because it's the only American-built wagon with both the traction of front-wheel drive and the smoothness of four-wheel independent suspension.† Or maybe it's because of the great job it does in carrying, commuting and loading.



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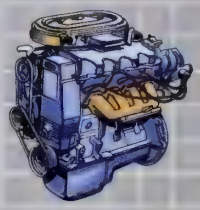
With the rear seat up, Escort Wagon offers 28 cubic feet of usable cargo room, and a color-keyed cargo cover to conceal your valuables. With the rear seat down, Escort's already considerable volume nearly doubles, to 57.8 cubic feet. Based on EPA Cargo Volume Index. Impressive. But don't think numbers, think of the errands run, the cargo carried. And Escort Wagon was designed to help keep driving costs down with low scheduled maintenance.

Engineering means comfort, too.

Escort Wagon works just as hard at keeping you comfortable. You'll find handsome interiors with optional low-back bucket seats. And four-wheel independent suspension helps smooth your ride because each wheel reacts to bumps independently, with minimal effect on the other wheels or you.

At the heart of the World Car Wagon, the CVH engine.



Escort Wagon's powerplant is just as much an engineering triumph as Escort itself. It's the CVH engine. This Compound Valve Hemispherical head engine and standard 4-speed transmission with fourth gear overdrive help give you power and excellent economy.

44 EST HWY **28** EPA EST MPG

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FORD ESCORT

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*Based on R. L. Polk & Co. registrations for 1981.

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LOOK OUT WORLD HERE COMES FORD

Sunset · The Magazine of Western Living*
THE PACIFIC MONTHLY *

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The Cover Story

In an ancient grove of giant sequoias, the simple pleasure of cross-country skiing becomes a magical adventure. Our report on winter travel to Sequoia and Kings Canyon national parks begins on page 82. Cover photograph by Bill Ross

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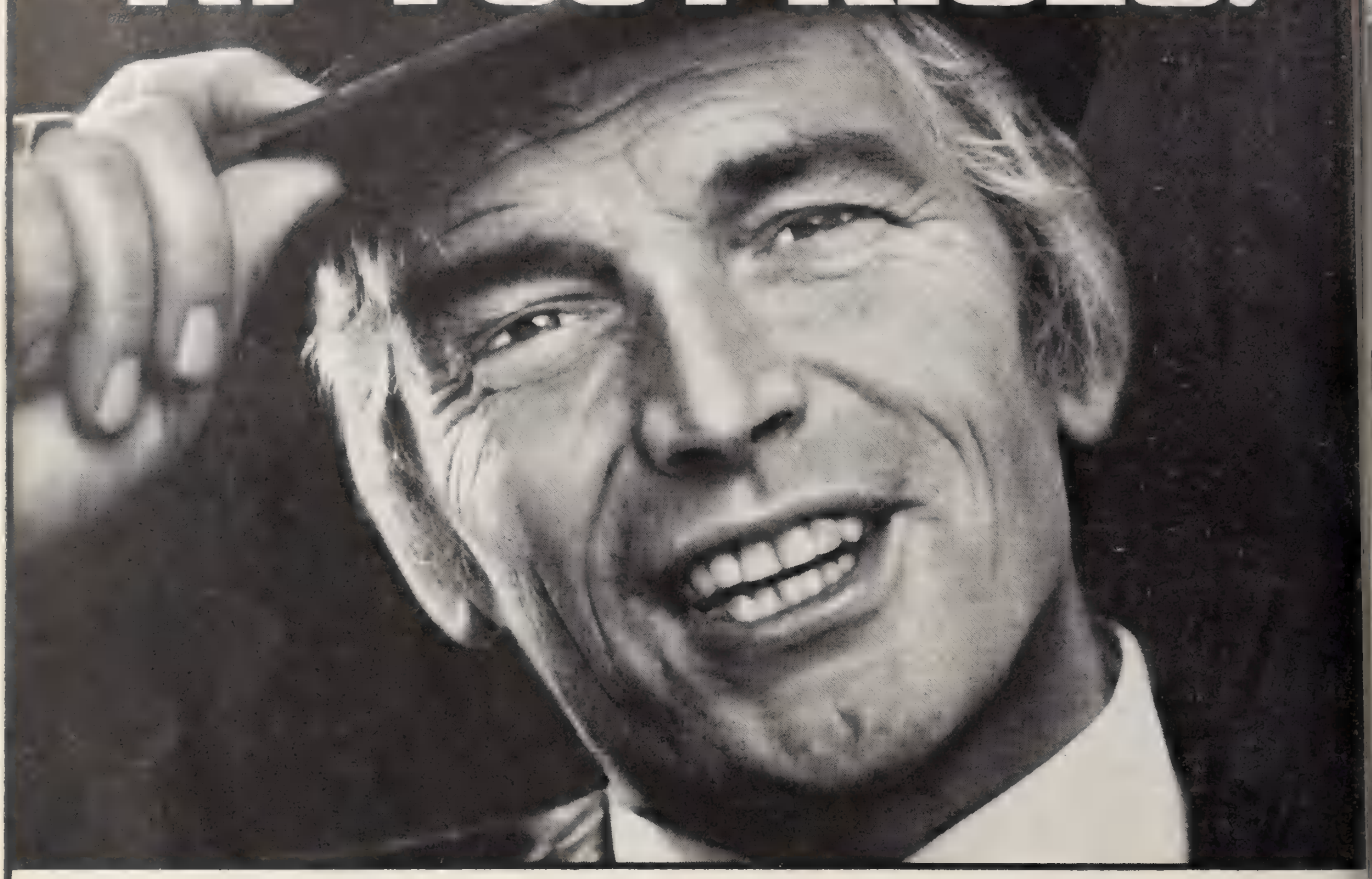
TODAY'S EUROPE AT '70s PRICES.



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December travel . . . in and beyond the West

REGG MANCUSO

A hearthful of handmade stockings *is only part of the show of old-fashioned decorations (all for sale) at Saratoga's Villa Montalvo*

Conductor leads *brass ensemble, one of musical groups that performs in the courtyard of Menlo Park's Allied Arts*

W. D. A. STEPHENS

NORMAN A. PLATE

Front-parlor tree *greets December tours at Haas-Lilienthal House in San Francisco*

Trappings of Christmas past . . . in San Francisco, elsewhere in the Bay Area

There's much to be said for the simple ornaments of an old-fashioned Christmas. Some, such as the candle-laden tree waiting to catch fire, are better left at rest. But others represent Christmas's finest hour—graceful evergreen swags to be draped over doorways, oversize stockings made of gingham squares from grandmother's sewing basket, and dangling angels and stars born of acorns, flour paste, and colored paper.

The Bay Area is replete with historic houses, and during December some look back to their heydays with old-fashioned

Sunset *The Magazine of Western Living • December 1981*

Now comes our second Christmas

FERI JOHNSON

To test *achievability of ornament projects, volunteers tried them out for watchful editor Brenzel (standing)*

Each year, the *Sunset* staff celebrates two Christmas seasons.

The first comes during preparation of our December edition—what many of us call the "Christmas issue." For some articles, research and testing began 12 months ago. One example: "Join us for a Christmas-making party" (page 72), an article coordinated by Southwest editor Mary Ord and associate editor Kathy Brenzel.

Before summer's end, the editorial pace picks up: retesting, writing, and rewriting, with work intensifying right up to press time in late October.

Now that this issue is in your hands, staff members look forward to their second Christmas—to celebrating Yuletide itself at *Sunset's* offices and at home. Season's greetings! □

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NORMAN A. PLATE

Classic porch *of Oakland's Dunsmuir House is swagged in Yuletide greenery*

decorations (often including a numbe offered for sale). We list five such his toric structures, but your own neighbor hood may hold still more.

San Francisco. *Haas-Lilienthal House* 2007 Franklin Street. This 1886 Quee Anne-style Victorian is the headquarter for the Foundation for San Francisco Architectural Heritage, but the lowe floors are open for docent tours Wedne day from noon to 4 and Sunday from 1 to 4:30. A donation of $3 is requested

Oakland. *Dunsmuir House*, 2960 Peralt Oaks Court. A crafts fair is held No vember 28 through December 6 in th greenhouse of this magnificent 37-roon mansion, built in 1899 in the classic re vival style. Tables full of ornaments an table decorations, produced by some 2 artists, are for sale. Carolers perforn each day at 1, and tea and desserts ar served in the museum (admission $3) House admission is $5 for adults, $2 fo students. Hours are 10 to 4 daily, excep until 9 Friday and Saturday.

Hayward. *McConaghy Estate*, 1870 Hesperian Boulevard. This 12-roon 1886 farmhouse is decorated just as i might have been in Victorian times. I the parlor stands a huge tree covere with edible ornaments, with a scatterin of antique toys at its base. Tours ar given Thursday through Sunday 1 to 4 Admission is $1 for adults, 50 cents fo children 6 to 12.

Menlo Park. *Allied Arts Guild*, 75 Arbo Road. You'll find a cluster of shops her selling weavings, candles, handmade or naments and decorations. In the Tradi tional Shop near the courtyard of th 1920s adobe is the huge tree, decorate in old-fashioned style; most weekdays a noon, musical groups perform in thi setting. The complex is open Monda through Saturday from 9:30 to 5.

Saratoga. *Villa Montalvo*, State Highwa 9 and Montalvo Road. Perhaps th grandest house of them all, Villa Mon talvo has been celebrating a Yuletide fai for more than 22 years—with great suc cess. This year the dates are December 4, 5, and 6, from 10 to 4. The fair gets crowded early, and the best handmade

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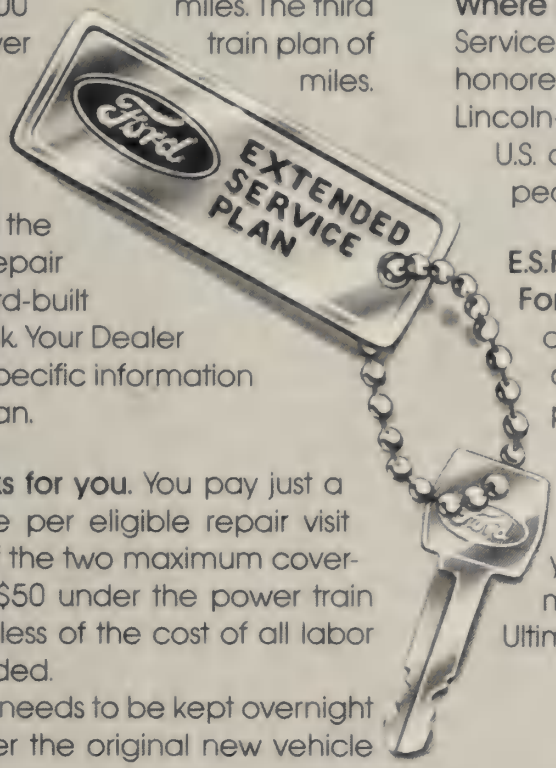

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ornaments and decorations are sold fast. But all are left on display, so you can wander through and gather ideas for your own craft work. Admission is $4.50, $1 for students. Parking is free. Shuttle buses are scheduled from outlying areas; telephone (408) 867-3586 for more information.

And more. These houses also have special decorations: Lathrop House, 627 Hamilton Avenue, Redwood City (open 11 to 3 Tuesday through Friday); Falkirk, 1408 Mission Avenue and E Street, San Rafael: open house with Victorian Christmas on December 5 (10 to 4) and December 6 (noon to 4) with admission $3 for adults, $1 for children under 12.

New beach access in San Francisco

Some December day when the demands of holiday shopping and jostling with crowds become overwhelming, you might consider taking time for a stroll on a nearby beach. And in San Francisco, there's a newly opened beach to discover.

It's just a small section of waterfront (¾ mile) north of Thornton State Beach, once part of a private club. But this new acquisition ties together some 10 miles of publicly owned shoreline so that you can now walk all the way from Thornton up the broad stretch along the Great Highway to the Cliff House (5½ miles). For the hardy, the walk continues over Land's End parkland to Phelan a Baker beaches (with a few detours to c streets). It's all part of the Golden G National Recreation Area.

Remember that swimming here—even summer—is considered dangerous cause of the strong undertow.

Access is through Thornton State Bea to get there from State Highway 1, the state beach exit (at the foot of Jo Daly Boulevard) in Daly City. The n beachfront is somewhat isolated and yet much used, so it's best to go with companion.

Guided touring of Denver's neighborhood landmarks

The best of old Denver is now on vie through tours organized by Histor Denver, a nonprofit group dedicated restoring the neighborhoods and buil ings that gave the town a distinctive cha acter in its early years—buildings suc as the gray stone Molly Brown hous the red rock Brown Palace Hotel, a the imposing, marble-faced capitol.

The organization's docent-guided va tours have expanded routes and itine aries. Tours cost from $7.50 per perso and each runs on its own schedule. De tinations include Larimer Square, Ma ket Street, Capitol Hill, and Curtis Par For information, call (303) 832-7645 c write to Historic Denver Van Tour 1340 Pennsylvania St., Denver 80203.

For travel planners, a December 1981 check list

Singapore to the Seychelles. Visit tribal villages in Sumatra, gilded temples in Burma, the highlands of Sri Lanka, snorkel and sunbathe in the Maldive Islands, and see birds and wildlife in the Seychelles. These are shore excursions from the 3,200-ton MS *World Discoverer* (75 cabins), departing on a 27-day cruise April 1, 1982 (also April 2, 1983). Cost of $5,990 to $11,050 (depending on cabin) includes meals, lectures, shore excursions. See your travel agent or write to Society Expeditions, 723 Broadway, Seattle 98102; (800) 426-7794.

Mexican rail tours to Mazatlán. Leave Nogales, just across the Arizona border, by train at 5 P.M.; arrive 8:30 next morning at Mazatlán (fine beaches, deep-sea fishing, night life). Spend four days in a hotel, then return to Nogales. Cost of six-night package, including private bedroom on train, transfers, and hotel (no meals), ranges from $195 to $329 per person. Other train tours go to Mexico City, Guadalajara, Guaymas, or through the rugged Copper Canyon. Write to Town & Country Tours, Box 32307, Phoenix 85064.

World Cup in Spain. Soccer fans interested in attending the 1982 World Cup series June 13 to July 11, 1982, can buy package tours for preliminary or final matches. Cost of 14-day tours to preliminary matches held around Spain ranges from about $630 to $2,310. Final rounds, including the championship game, are part of a 16-day package, June 26 to July 12, from about $1,230 to $4,410. Both plans include accommodations ranging from guesthouses to deluxe hotels, two meals a day, game tickets, and transportation. Sightseeing tours are optional; air fare is extra. Write or call Marsans International, 3325 Wilshire Blvd., Suite 508, Los Angeles 90010; (213) 738-8016 or (800) 223-6114.

Honolulu and Oahu by bus. A 1981-82 map-guide shows how to reach 50 points of interest by bus. Send $2 to The Idea Company of Hawaii, Dept. H, 745 Fort St., Suite 200-D, Honolulu 96813.

Watch that carry-on luggage! On all-coach flights on high-density routes, some airlines no longer offer garment closets and cabin luggage compartments. On these economy flights, you may have to fit all your carry-on luggage under the seat or in overhead bins.

What a travel agent can do for you: Provide information on tours; help you plan a trip; reserve space on air, rail, bus, and ship lines; make hotel, ranch, and resort reservations. Travel agents usually do all this without charge, but they do charge for "custom" tour service.

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Index of Directories

School and Camp Directory is the first of five Directories which appear regularly in each issue of SUNSET Magazine. The other four Directories are:

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WESTERN GROCERY DIRECTORY
beginning page 156

SHOPPING CENTER
beginning page 216

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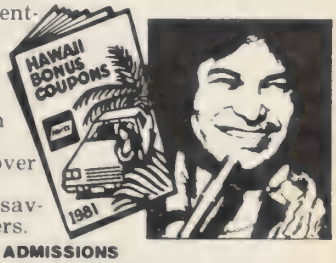

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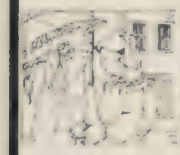

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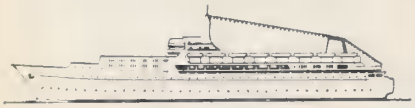

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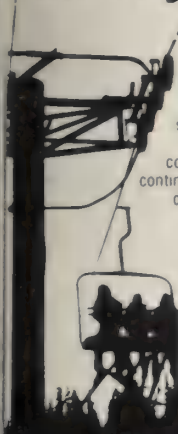

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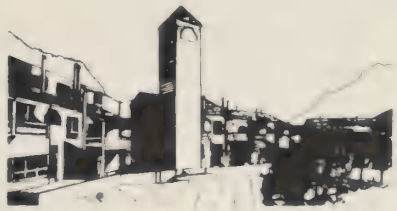

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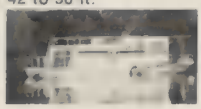

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TRAVEL DIRECTORY IS CONTINUED ON PAGE 17

GREGG MA[illegible]SO

Snow-covered *Montecito Sequoia Lodg[illegible] is just outside Kings Canyon park*

Where to stay near the big tree[illegible]

Dreams of a white Christmas with a [illegible] school vacation make the December [illegible]iday one of the busiest times of the w[illegible]ter season in Sequoia and Kings Can[illegible] national parks (see page 82). Altho[illegible]h holiday lodging in the parks is proba[illegible] full by now, several options could m[illegible] last-minute visits a possibility. Even [illegible] January and later this winter, right n[illegible] isn't too early to make reservati[illegible] Weekends in the parks can be comple[illegible] booked more than a month in adva[illegible]

Lodging and camping in the parks

A single concessionaire handles acc[illegible]modations and reservations in b[illegible] parks. This winter, 100 units are av[illegible]able at Giant Forest in Sequoia, 28 [illegible] without bath) in Kings Canyon. We[illegible]end rates should start at about $33 [illegible] night, double occupancy. Winter m[illegible] week rates start at about $22.50 [illegible] night. Write to Sequoia and Kings C[illegible]yon Hospitality Service, Sequoia N[illegible]tional Park, Calif. 93262; (209) 5[illegible] 3373. It can also send brochures for [illegible] touring operations.

Park Service campgrounds with r[illegible] rooms are open—free—to hearty so[illegible] who come prepared for roughing it. [illegible] *quoia* has two: Potwisha Campgroun[illegible] just 3 miles beyond the Ash Mounta[illegible] entrance, and its 44 units are genera[illegible] below the snow line; near the visitor ce[illegible]ter, Lodgepole has a large plowed pa[illegible]ing area suitable for winterized recre[illegible]tional vehicles and tenters who sleep [illegible] the snow. *Kings Canyon* keeps about [illegible] parking spaces clear in Azalea Cam[illegible]ground at Grant Grove.

Around Kings Canyon

Most of the winter, you should be ab[illegible] to get rooms in or close to the park.

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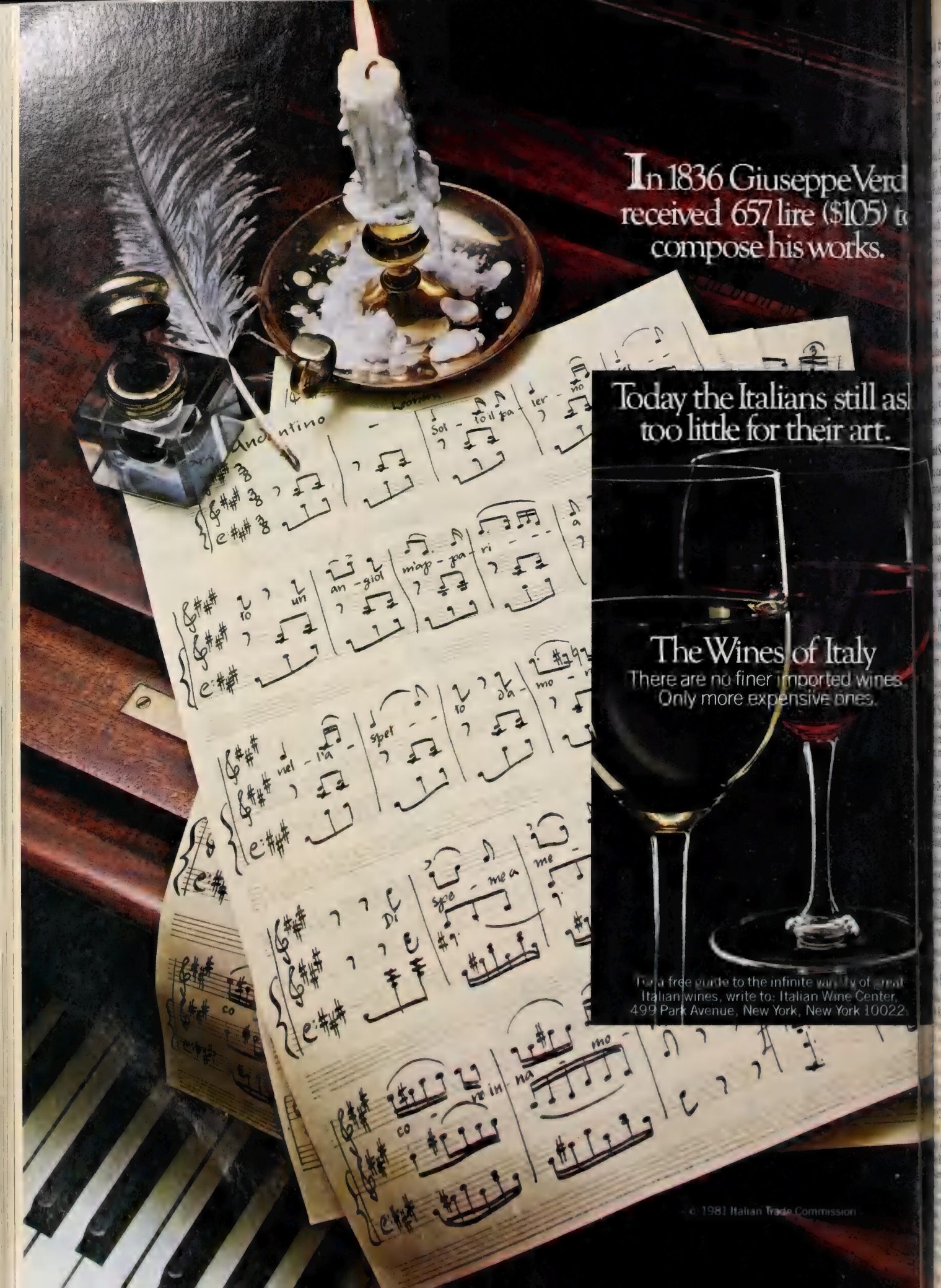
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none of them pans out for Christmas, the best bet is lodging in Fresno, a good hour away. Write to the Fresno Chamber of Commerce, Box 1469, Fresno 93716, for its hotel guide, or call (209) 233-4651.

Wilsonia Lodge, Box 808, Kings Canyon National Park 93633; (209) 335-2310. On private property inside the park, the lodge is close to the visitor center. Its 20 units with bath range from $36 double to $85 for a housekeeping unit sleeping 9. All are simply furnished.

Montecito Sequoia Lodge (mailing address: 1485 Redwood Dr., Los Altos 94022; 415/967-8612). Eight miles from the park on the Generals Highway, it specializes in family packages. The 36 rooms with bath hold two to six people, and a two-day, two-night nordic ski package including six meals starts at $96 per person, double occupancy.

Around Sequoia

If you can't stay at Giant Forest, closest accommodations are 21 miles (a long hour's drive) away in Three Rivers. We inspected the following at our deadline (mid-October), and most expected to have rooms still available in early December for Christmas. All have television, but only one has telephones in rooms; showers are standard. Motels range from ⅛ mile to 9 miles from the Ash Mountain park entrance; our listings go from closest to farthest:

Park Line Motel, 46000 Sierra Dr., Three Rivers 93271; (209) 561-4611. Eleven rooms, from $25 to $34, are small but have patios overlooking the Kaweah River. Meals are available next door. Stream fishing; motel has a pool.

The Gateway Restaurant and Lodge, 45978 Sierra Dr., Three Rivers 93271; (209) 561-4133. This five-room motel plus one housekeeping cabin borders the river. Rates are $28 to $36. Restaurant has spectacular view.

The River Inn, 45176 Sierra Dr., Three Rivers 93271; (209) 561-4367. Rates at this two-story, 12-unit motel with river views run $32 to $38. This was the newest motel we looked at. There's a grocery store next door, but you must drive to restaurants.

Mountaire, 43175 Sierra Dr., Three Rivers 93271; (209) 561-4379. Motel has 21 rooms ($30 to $43) and a coffee shop.

Sequoia Motel, 43000 Sierra Dr. (Box 145), Three Rivers 93271; (209) 561-4453. Nine units run $20 to $32; one wall of each is a scenic mural. Swimming pool. Dinner restaurant is across the street.

Best Western Holiday Lodge, 40105 Sierra Dr. (Box 668), Three Rivers 93217; (209) 561-4119. Two-story motel with 38 rooms from $23 to $34 also has spa and pool. Nearest restaurant is ¾ mile away.

Stivers Ranch Motel, 39625 Sierra Dr., Three Rivers 93271; (209) 561-4449. Six cottages and six motel rooms cost $30 to $34. Cottages include kitchens; both rooms and cottages have refrigerators. Stivers has a pool, volleyball and badminton courts. A path leads down to the river. Dinner restaurant is next door, but you must cook or drive for breakfast, lunch. □

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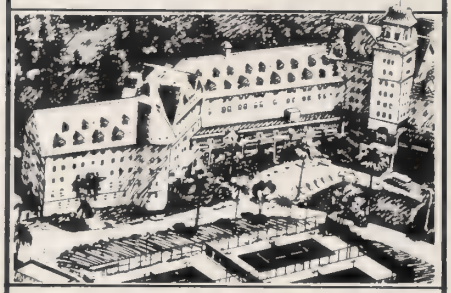

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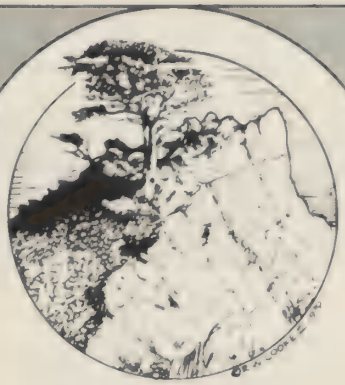

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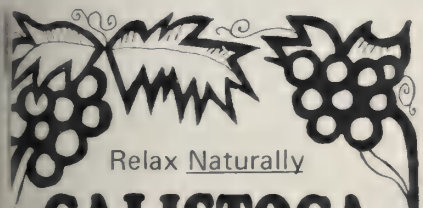

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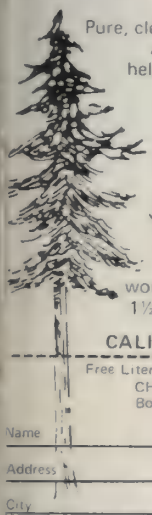

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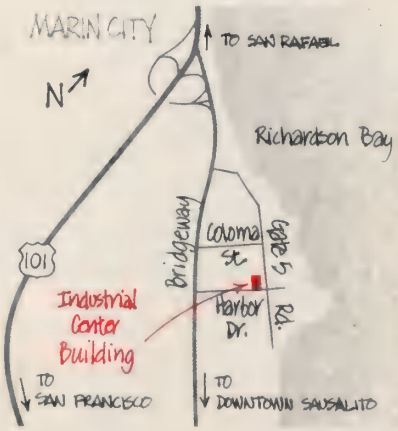
One weekend a year, Sausalito artists invite you for open house ...December 5 and 6

Ceramic cattle *on wall, designed by*

Forty-six of Sausalito's small army of resident artists work hidden away in the huge warehouse-like Industrial Center Building at the north end of town. One weekend every year, they transform their studios into galleries and invite the public to wander through, study their creations, stop for a chat, possibly buy. This year's open house is set for December 5 and 6, from 11 to 6. It's free.

"Moldloft" was the original name of the curve-roofed building. Completed in a rush in 1942 as part of Marinship shipyards (93 vessels were built here during World War II), its three levels were used by loftsmen to lay out full-size drawings of 500-foot tankers directly on the floor. Full-size templates, made in wood from these scribed lines, then served as patterns for fabricating the ship's keel, bulkheads, and other steelwork.

Endless rows *of windows on all sides of the Industrial Center Building bring daylight into offices and studios*



Driving north *from San Francisco, take the Marin City/Sausalito exit, head south on Bridgeway to Harbor Drive*

Printmaker *Robilee Frederick happily accepts a check for one of her etchings*

ond, bellow at a passing stranger

recent years, the floors have been rceled into a sail loft, some offices, a arine store, and studios. For the open use, the artists clean and tidy their aces, arrange their best efforts, pre-re hors d'oeuvres, stock up on wine.

ere's an immediacy to seeing the rks where they were created, rather n on the orderly walls of a commer-l gallery. Our photographs only hint the range; you'll see paintings and otographs; etchings, lithographs, and er prints; sculpture, ceramics, pot-y, and stained glass.

ny of the artists are represented in lections throughout the United States. ces begin at about $15 and rise into thousands for large sculpture and ntings. Most artists accept checks; ne can arrange time payments on h-ticket pieces. □

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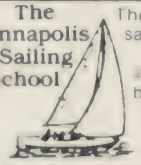

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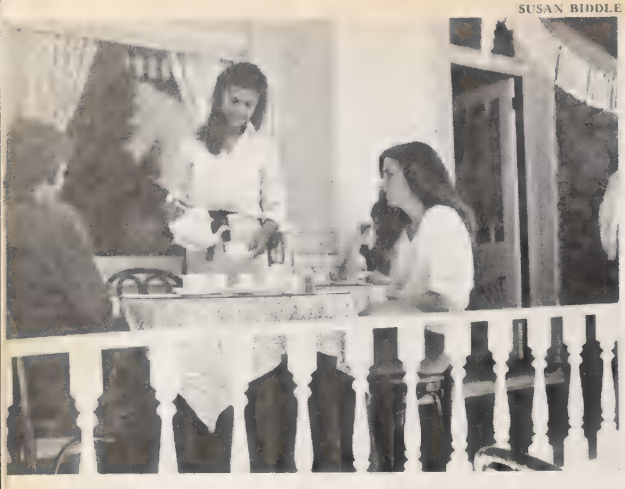

In Saratoga, *veranda at Maddalena's sees active duty even in winter—on sunniest days*

NORMAN A. P

Try on a deerstalker or a tam *(above) or sip tea by the fire; you can do both at London House in Palo Alto. Coat of arms above the fireplace translates as "Lord, direct us"; it's the motto of the City of London*

GREGG MANCUSO

Circular forms *hold batter in shape as crumpets grill at English Tea Shop in San Francisco*

Teashops British-style ...7 in and about the Bay Area

In Britain, tea drinking is a ritual observed at many hours of the day, from the prebreakfast cup to high tea in the late afternoon or evening. The custom has found such favor here that seven British-style teashops have sprung up in and around the Bay Area. Some damp December day when you're in need of a bracing restorative, try stopping at one of them.

Most are small and cozy. You may see the owner's cricket gear or the Union Jack and portraits of the royal family hanging on the walls. At all, you'll find teas galore, to try on the premises or to take home in tins (some also sell imported woolens and other British goo

Beyond a carefully served pot of am brew, you'll also find edibles—from li to hearty. Usually cake-like crump and biscuit-like scones are offered, you may also encounter bubble a squeak (potatoes, cabbage, and som times sausage fried together), Ecc cake (a rich, currant-filled pastry), Cornish pasty (a meat-filled turnover).

Here's where to find the teashops:

In San Francisco

English Tea Shop, 511 Irving Street. Ope 8 to 5:30 Tuesday through Friday, 9 to 5 Saturday. This tiny bakery lets you watch the crumpet makers in action; at one of si tables upstairs, you can have a cup of tea (35 cents) or a hot buttered crumpet (50 cents). Selection of teas and jams to take home, also packaged crumpets.

On Mason Cafe, 542 Mason Street. Open

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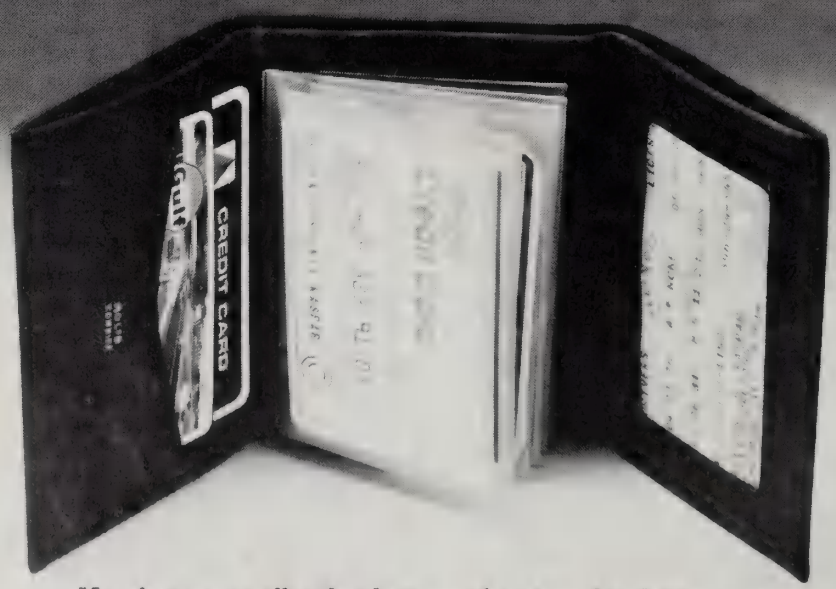

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West Bend, WI 53095. Available at fine stores throughout the USA and Canada.

11:30 to 3:30 Tuesday through Friday, noon to 4 Saturday. There are only 15 sea in this cozy spot, done in British racing green. You can try tea and crumpets ($2.50), cucumber and other tea sandwiches ($3.75), plus eight types of tea.

On the Peninsula

London House, 630 Ramona Street, Palo Alto. Open 11 to 11 Tuesday through Saturday. One of the largest establishme it serves eight types of tea. Try scones or crumpets ($2.25), ploughman's lunch ($3.95), or heartier fare—pasties, rarebit English sausage ($3.50 and up). Import shop upstairs sells woolens, some china. Each Wednesday at 8 P.M. you can join an informal darts match.

Maddalena's Upstairs/Downstairs, 1450 Big Basin Way, Saratoga. Open 10 to 10 daily except Sunday. In a lovely Victoria this restaurant serves Prince of Wales, Iri breakfast, and other teas for 95 cents ■ po and scones or crumpets for $1.50; or try shepherd's pie ($3.95) or sausage rolls ($3.95). Each afternoon a classical guitar serenades patrons.

The Village Green, 89 Portola Avenue, El Granada. Open 10 to 4 weekdays, 9 to weekends. You can get an English countr breakfast here, also luncheon pasties ($5.25), cucumber sandwiches ($2.95), bubble and squeak ($1). Heartier fare includes steak and kidney pie ($9.95), roast beef and Yorkshire pudding ($9.95). Small shop offers china tea things, imported foodstuffs.

In Carmel

Tuck Box Tea Room, Dolores Avenue between Ocean and Seventh avenues. Ope 8 to 4 Wednesday through Sunday. This tiny wattle-and-daub-style restaurant sea only 18. Patrons queue up for the breakfa of homemade scones with olallieberries preserve ($2.25). Luncheon fare includes sandwiches, rarebit, beefsteak pie ($2 to $4.50). Afternoon tea (with scones and cakes) is served from 2:30 to 4.

Sticky Wicket, Ocean and Lincoln avenue Open 9 to 5:30 weekdays, 9 to 6 weekends Serves homemade scones with Devonshi cream and strawberries ($4.50), sausage rolls ($4.50), and an English breakfast ($4.25). You can also buy tea things and several types of tea.

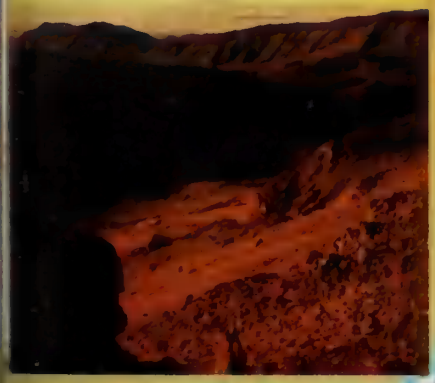
SUSAN BID

Retired cricket bat *and pads adorn wall of the Village Green in El Granada near Half Moon Bay*

"To really see Hawaii there's nothing like having your own wheels."

"The freedom to go where you want, when you want; that's what's best about our fly/drive vacations."

Jaclyn Adone
United flight attendant, Hawaii



A United fly/drive vacation lets you roam beyond the beaches and really discover the Islands for yourself.

Drive to the rim of Maui's Haleakala crater for a sunrise you'll never forget.

Then follow the road to Lahaina, the whaling capital of a century ago, where the humpback whale can still be seen frolicking offshore.

Spread out a picnic at the incredible black sand beach at Kalapana, on The Big Island, or take Kauai's Waimea Canyon Road all the way to the end for the spectacular view from Kalalau Lookout, four thousand feet above the sea.

Ask your Travel Agent about United fly/drive vacations, on one island or several. And motor away to your own special paradise in our little corner of the world.

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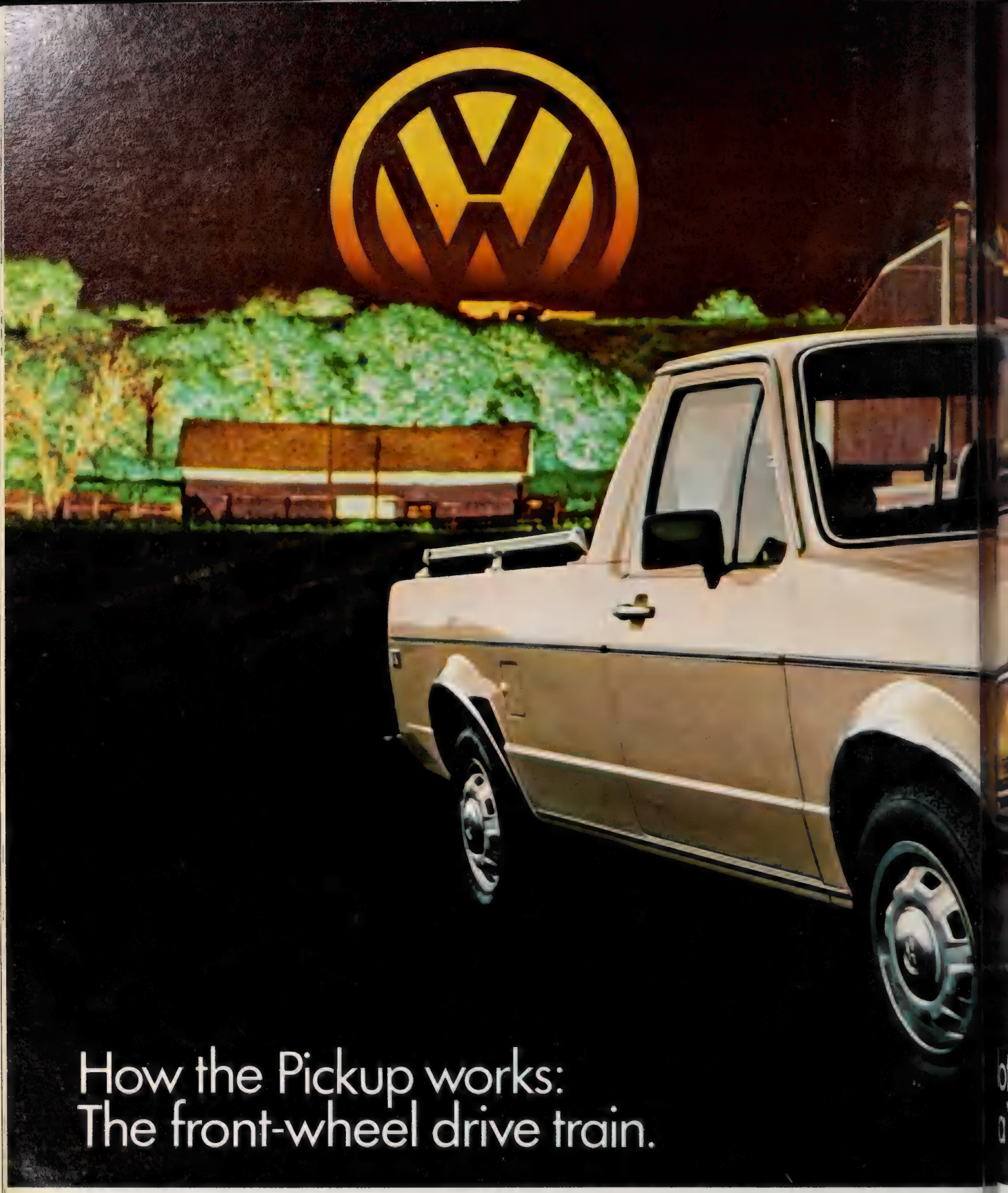

How the Pickup works: The front-wheel drive train.

When man first hooked up horses to plows and carts, he quickly discovered that pulling things was a lot easier than pushing them.

Yet after centuries of transportation, VW was the first to use a front-wheel drive train on a pickup truck.

By pulling its load instead of pushing it, the VW Pickup can pull its weight more easily than equivalent trucks with rear wheel drive. Up to half a ton. And, b worry about what you carry. Its do walled construction can handle thing you throw into it.

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The pickup also comes with VW's unique upshift light which tells you exactly when to shift for optimum mileage.

And, hooked up to VW's famous diesel horse, you can enjoy the best mileage to be found on a pickup, anywhere.

EPA 49 mpg highway estimate, and an estimated 42 mpg. (Use "estimated mpg" for comparisons. Your mileage may vary with weather, speed, and trip length. Actual highway mileage will probably be less.)

And that ain't hay.

JERRY FREDRI

Tucked *beneath the hills, Laguna Beach wears a village look, with peaked roofs, quaint sig*

The quiet pleasures of Laguna in December

Right-hand-drive *1948 TC model heads line-up of classic MG's in sales showroom*

Glassed-in veranda *of Las Brisas overlooks flower-filled gardens and the Pacific*

In December, Laguna Beach enjoys a peaceful pause. Early winter days, often as balmy as springtime, curiously contradict the Eastern flavor this hill-tucked village wears when decked out with the ribbons, greenery, and twinkling lights of the Christmas season.

Located 50 miles southeast of Los Angeles, Laguna has been a beach resort and art colony since the first summer residents settled in at the turn of the century. Now what once was a remote enclave has become a posh, popular retreat —so popular that summer traffic resembles L.A.'s rush hour.

But in December, the town reverts to a slower pace. With no art festivals to entice the multitudes and the appealing beaches sparsely peopled, this is the time to discover the quiet pleasures of Laguna.

Promenading on Forest Avenue

Downtown's busiest intersection is a Main Beach, where traffic spills dow the hills from Broadway (the end of La guna Canyon Road) onto the Coast Hig way (State 1).

Two blocks south of Broadway is Fores Avenue. A stroll along its short length i

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BILL ROSS

Overlooked *by clifftop houses, tidepools in Shaw's Cove are full of sea treasures. Marine life is protected; look, but don't disturb*

a quick way to absorb the picturesque quality of this community and its blend of quaint and contemporary architecture. Some of the special shopping experiences —art, crafts, imports—that Laguna Beach offers are found here, along with restaurants, bakeries, and a market delicatessen where you can purchase picnic supplies to spread out at the beach.

Starting on foot at the northeast end of the avenue, you pass City Hall (505 Forest), where Santa waits in his small house on the lawn to listen to wishes from 2 to 4 daily December 6 through 24.

Just beyond are two village-scale multilevel shopping complexes. Lumberyard Plaza (384 Forest) has 30 shops and convenient parking underground. Imported handicrafts, cookware, and Christmas ornaments are a few of the specialties here. At the smaller Forest Avenue Mall (332 Forest), focus is on art and clothing; one shop features handmade quilts.

Because of the hillside configuration of Laguna Beach, streets come and go at odd angles. This is true of Forest Avenue. You can enter by car one-way from Coast Highway. The second block has two-way traffic, then the street bends sharply left and ends at Broadway. There is a parking lot on the right; others are scattered through this part of town. Parking spaces are adequate in December, frustratingly less so in other months.

Across the highway from Forest Avenue at Main Beach, you will see the Christmas-theme colored fiberglass panels by artist Boris Buzan. Set in place every year about December 1, they are a seasonal paradox, with volleyball, surfing, and basketball taking place around them.

Art for leisurely browsing

Laguna has considered itself an art colony since the 1890s, and small galleries abound.

The Vorpal Gallery (326 Glenneyre Street, a half-block south of Forest), a permanent dealer of M. C. Escher prints and Picasso graphics, is worth an unhurried look. Current show through January 9: M. C. Escher prints. Hours are 11 to 6 daily except Monday. (The deli next door is another source of picnic supplies.)

Just up the hill from Broadway, at N. Coast Highway and Cliff Drive, is the Laguna Beach Museum of Art. Hours are 11:30 to 4:30 daily except Tuesday; admission is free. December 4 from 4 to 8, the museum holds its annual Christmas party for all comers.

Two blocks farther north is a museum of a different sort. The showroom of Commonwealth Classic Cars (496 N. Coast Highway) displays several restored T-series MG's. You're welcome to come in and look from 9 to 5 Friday, Saturday, or Monday, noon to 5 Sunday.

Restaurants with a view

There's no lack of good restaurants and unusual eating places—many open-air—in downtown Laguna or within a short walk. The venerable Hotel Laguna (425 S. Coast Highway), founded in 1887, serves lunch and dinner in its dining room at ocean's edge; telephone (714) 494-1151. Refreshments are served the outdoor terrace.

Next to the art museum, Victor Hug was recently converted to Las Bris (361 Cliff Drive) and serves Mexic food for lunch and dinner; the magni cent view and gardens remain. Te phone (714) 497-5434.

For homey atmosphere, try the Cotta Restaurant for breakfast, lunch, or di ner. It's on the east side of N. Coa Highway and Cliff Drive; call (71 494-3023.

Watch surfers, find a starfish, tour a garden

Be sure to walk two short blocks dow Brooks Street to the beach. Here is L guna's best surfing spot, and action up close, bringing riders perilously ne the rocky shore. You can stand at railing or on the rocks to watch.

Low tides and absence of crowds mak for great wintertime tidepooling at mo of Laguna's rocky beaches, but one the best is secluded Shaw's Cove. Ent by a signed stairway from Cliff Driv opposite Fairview Street (¼ mile nort of Heisler Park).

Plan ahead to visit the Hortense Mille Garden, 2½ acres of native and sub tropical plants (more than 1,200 specie on a hillside overlooking downtown an the sea. Tuesday through Saturday, do cents lead visitors to the garden; yo assemble at City Hall. Make arrange ments a week in advance by calling (714 497-3311, ext. 201. Tours last 2 to hours; admission is free.

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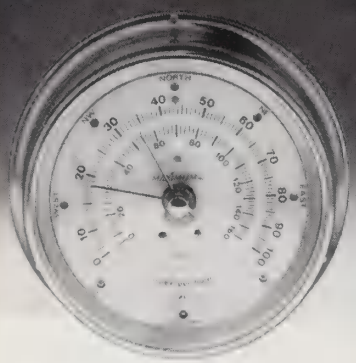

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Massive bronze doors *mark entrance to five-story Florentine palazzo-museum*

The 14th century in Florence

You enter another way of life when yo visit the Davanzati Palace, a 14t century townhouse in the heart of Flo ence. This tall stone building, which f centuries was home to prosperous Flo entine families, is now a public museu operated by the Italian government.

The rooms have been furnished wi household equipment used long ag Bedrooms and entertaining rooms a lavishly decorated with frescoes and ta estries. And if you've ever wondere what a medieval bathroom was lik you'll see several here.

An excellent illustrated catalog givi the history of the house and its colle tions is sold at a corner newsstand at V Porta Rossa and Via Pellicceria.

The Palazzo Davanzati is on Porta Ross at Piazza Davanzati; there's a sma admission fee. For up-to-date hour visit the Azienda Autonoma di Turism (the Italian automobile club), Via Torn buoni 15, Florence.

Terra cotta pipe *carried waste water from upper quarters down to courtyard*

On the coast of Mexico, there's a corner of he world still waiting to be discovered. And ow only Western Airlines can take you there onstop from Los Angeles.

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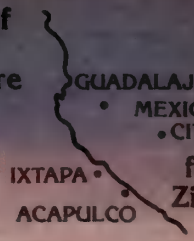

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Mercedes-Benz unleashes two more high-performance Turbodiesels.

The 300 D Sedan and 300 CD Coupe now generate 45 percent more power–a smooth, hushed, turbinelike flow of power–but generate no extra thirst for fuel. And the only diesels that rival their performance are the two other Turbodiesels from Mercedes-Benz.

The 17-pound object in this man's hand adds no noise, needs no upkeep, runs on nothing but exhaust gas and air–and has just helped turn the Mercedes-Benz 300 D Sedan and 300 CD Coupe into two of the most potent diesels ever built for sale.

It is a turbocharger, the mechanical heart of an advanced power system that Mercedes-Benz pioneered and has since proven in its 300 SD Sedan and 300 TD Station Wagon: that ingenious interlocking of turbine and diesel technologies, the Turbodiesel.

Head for the hills

The Turbodiesel idea is no longer new or exclusive to Mercedes-Benz. Mercedes-Benz Turbodiesels simply outpower every other diesel automobile, turbocharged or otherwise, that you can buy today.

You are thrust away from stoplights and down the road with sudden new velocity, backed by 45 percent more horsepower *and* 42 percent more torque.

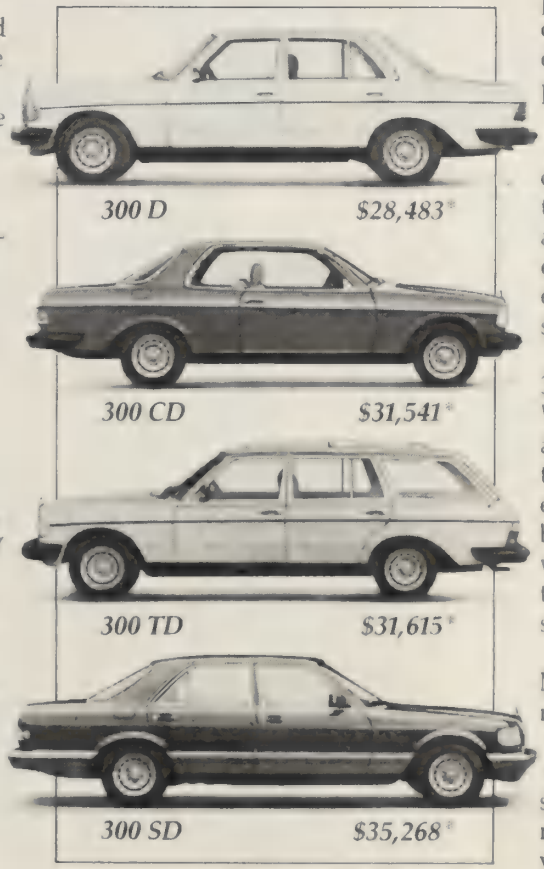
You can pull out and flash past slower vehicles. You feel no lag on hills. Throttle response even in the middle speed range is crisp.

The car meanwhile burns less fuel than a normal five-cylinder Mercedes-Benz diesel. It is docile where other performance cars (and many of today's gasoline-powered cars) can be balky. It doesn't smoke like a tramp steamer as it climbs long grades. On frigid mornings it can fire up in seconds. It never needs even a conventional tune-up.

If you termed this the most enlightened form of automotive power for the eighties, Mercedes-Benz would not strongly disagree.

Oil-cooled pistons

In Turbodiesel form, nearly half of the renowned five-cylinder Mercedes-Benz diesel engine's key internal components are replaced by new and more rugged parts.



Deep in the base of the engine block, a series of tiny nozzles sprays *jets of oil* into the pistons to help cool them as they work.

Not even the Turbodiesel's transmission is the same. It is a compact four-speed hydraulic wizard of an automatic, a torque converter device so quick that it can shift gears in 1/10th of a second, so smooth that many shifts are imperceptible.

45 percent more pleasurable

The 300 D Sedan is not the largest or the costliest Mercedes-Benz Turbodiesel, but its superb new ratio of power to weight makes it close to the quickest. Imagine the effect on a 3585-lb automobile of 45 percent more power–paid for with less than *five* percent more weight.

Imagine the effect of this extra performance on a nimble-handling car already second to no sedan, foreign or domestic, in roadholding prowess.

The 300 D remains at the same time an ideal family automobile, conveying five adults within one of the more intelligently designed and appointed cabins on wheels. Almost every reasonable amenity already exists in the 300 D–without consulting an option list.

Turbodiesel performance in the 300 CD Coupe is icing on a rich cake. With its two-plus-two coupe format and its pronounced sporting flavor, the 300 CD already ranked as an exotic Mercedes-Benz. But no mere boulevardier: a taut 106.7-inch wheelbase and precise reflexes help this suave machine to excel in hard, sustained, nip-and-tuck driving.

These two models fit into the Mercedes-Benz Turbodiesel price range just below the 300 TD Station Wagon, which in turn stands below the 300 SD Sedan. Sumptuously spacious, almost eerily quiet-running, clad in its aerodynamically advanced body, that remarkable automobile occupies the summit of modern diesel passenger car design.

But all four Mercedes-Benz Turbodiesels advance the science of the automobile, by providing performance levels that so many Americans prefer–*and* the efficiency that today's world demands.

*Approximate suggested advertised delivered price at port of entry.

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Gold Country Christmas

The small towns are bustling with bell ringers, bagpipers, Cornish pasties, sidewalk sales, stage shows, and a stagecoach Santa

In the old days, it seemed only Snowshoe Thompson and a few frostbitten prospectors wandered about the isolated towns of the Gold Country in winter. And Thompson had to (he was an early Sierra mailman). But now the tiny towns bustle with holiday activity, providing new reasons to visit them in the quiet off-season.

Arraying themselves in the costumes of Christmas past, these towns celebrate with old-fashioned fairs, foods, decorations, and often carolers in pioneer dress. Harking back to its distinctive heritage, Grass Valley hosts a Cornish Christmas fest, Nevada City a Victorian celebration. Other towns sponsor festivities or deck out their iron lampposts and balconied Victorians in bells and cedar boughs.

Like lights on a tree, all the towns but Folsom are strung out near State Highway 49. They're reachable in a day's outing from the Bay Area, but you may want to stay overnight for some evening fairs. Here are nine places to find activity, listed from north to south.

Nevada City, 29 miles north of Auburn on State 49. Victorian Christmas held from 6:30 to 9:30 P.M. on Wednesdays (December 9, 16, and 23) features musicians (bagpipers to bell ringers) and choristers in Victorian dress. At streetside booths, you can buy hot foods, mulled wine, handcrafts. An Artists' Fair November 27 through 29 will have carved wooden toys, stained glass, pottery, and other works for sale from some 60 artists. It's in the Elks Lodge at 109½ Pine Street, open from 11 to 5 (till 4 Sunday).

Grass Valley, 24 miles north of Auburn on State 49. Cornish Christmas takes place from 6 to 9 P.M. Fridays (November 27, December 4, 11, and 18). Along Mill Street (closed to traffic), vendors will sell Cornish pasties (meat-filled dough), hot cider, and chestnuts; there'll also be arts and crafts booths, costumed carolers and musicians, including a Cornish choir. Some 20 shops will remain open, and you can park in the free lot at the end of Mill Street.

Auburn, at the junction of State Highway 49 and Interstate Highway 80. On December 4 at 6 P.M., there will be a tree lighting and caroling in Central Square; on December 5 at 10, a parade through old town; December 13 from 1 to 5, open house for all shops with cookies and punch, decorations.

Folsom, off U.S. Highway 50 about 20 miles east of Sacramento. The December 4 through 6 Festival of Lights on Sutter Street will have an outdoor hoedown December 4 at 7 P.M.; sales December 5; and a street fair, strolling musicians, food booths, Santa Claus booth December 6 from 9 to 5. Each night the street is lighted by luminarias (candles in weighted paper ba At the Gaslight Theater in the Sutter Clu at 8:30 each Friday and Saturday this month, you can sing carols and see the melodrama *The Royal Slave;* tickets at t door cost $7.50; Sunday dinner show at 4 costs $12.95.

Amador City, 26 miles south of Placervil Calico Christmas Days December 5 and include boardwalk sales, street musicians free hot cider and cookies; shops are open from 10 to 6 daily.

Sutter Creek, 28 miles south of Placervill Holiday Open House, on December 4 fro 6 to 9 P.M., starts with a children's party at the auditorium featuring games, movie and a visit from Santa. Shops will have sidewalk sales, free cookies and punch.

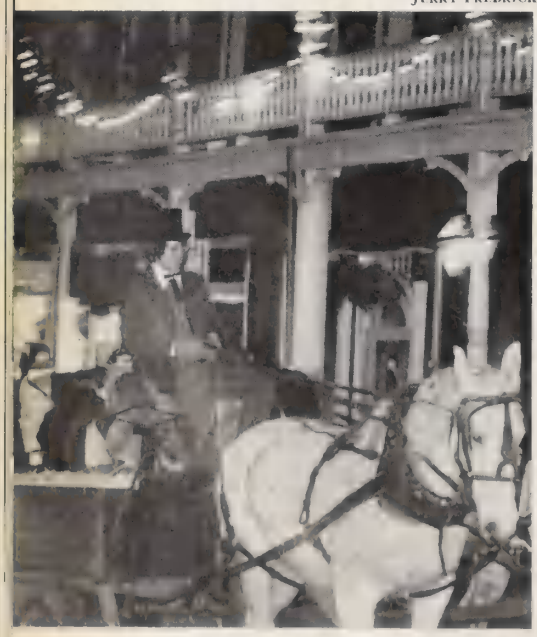
Volcano, 13 miles east of Jackson off State Highway 88. The Festival of Lights begins December 19; lights stay up till January 1. The town is decked out in ceda boughs and handmade ornaments on outdoor trees.

Columbia State Historic Park, off State 49 about 2 miles north of Sonora. A free children's play, *Babes in Toyland,* will be performed December 12, 13, 19, and 20 a 2 P.M. Santa arrives by stagecoach Saturday at noon.

Sonora, highways 49 and 108. Christmas Arts Fair will be held November 27 to 29 the Motherlode Fairgrounds, at the highw junction. Hours are 10 to 6 daily, except 10 to 4 Sunday; admission $1.50.

Some towns have plans for special d orations: Angels Camp and Placervi plan to have evergreen swags, ribbo handmade ornaments up through Jan ary 1. Jackson's Serbian Christmas d orations stay up until January 7.

JERRY FREDRICK



Visitors rode *through Nevada City streets on haywagon last year; draft horses and wagon are expected back this year*

Damsel in distress *is part of show at Folsom's Gaslight Theater; after hissing villain in play, audience sings carols*

on lampposts *blazing their way, fairgoers fill Grass Valley's Mill Street (above) celebrate Cornish Christmas; below, bundled choristers entertain*

DAVID STUBBS

JERRY FREDRICK

Brickfront shops *of Amador City spill gifts out to sidewalks during Calico Christmas sales December 4 to 6*

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DAVID STUBBS

She pushes off *under watchful eye of ski instructor*

Sending youngsters to the snow . . . organized programs and groups

It's a full day of supervised skiing. Children leave on an early-morning chartered bus, join in lessons, spend hours on the slopes, return in the evening. And, all the while, their parents relax at home.

From the Bay Area, various groups take youngsters 8 to 19 years old on day trips to the snow. Two commercial ski clubs offer Saturday and Sunday excursions to Squaw Valley and Alpine Meadows. A $55 to $85 initiation fee covers supervision, scheduling of trips, ski instruction, and club activities. An additional $32 to $40 per trip is required for lift ticket and transportation costs. Equipment is also extra. Both clubs have pickup locations throughout the Bay Area, and some overnight trips are available. For more information, call Mogul Ski Club in San Rafael at (415) 456-1000, or Snow Ball Ski Club in Richmond at (415) 222-5262.

A third group, Bay Area Ski Association, has one-day trips to seven different locations; call (415) 930-7005.

Summit Ski Club, a nonprofit educational organization, runs about 20 trips a year from the San Francisco Peninsula. Destinations include Alpine Meadow Heavenly Valley, Kirkwood, Squaw Va ley, and Sugarbowl. Club membersh fee is $54 per year; day trips cost $38 p child and include transportation, supe vision, lift ticket, breakfast, snacks, ar beginners' lessons. Call (415) 328-229

The Palo Alto Area YMCA is organizin a Christmas vacation trip (December 2 to 31) to Lake Tahoe for about 35 ch dren ages 12 to 15. Cost for the excu sion is about $85, excluding equipmen Call (415) 494-1883.

More loosely structured programs a available through some recreation ar park departments. In Oakland, local re reation centers put together one- ar two-day trips; call (415) 273-3791.

In San Jose, the teen services division the city parks and recreation departme sets up about four one-day trips throug junior and senior high schools. Total co (excluding equipment) for each excu sion is about $35. Overnight trips a also available. Call (408) 279-0526.

For other trips, check with ski shop church, and scout groups.

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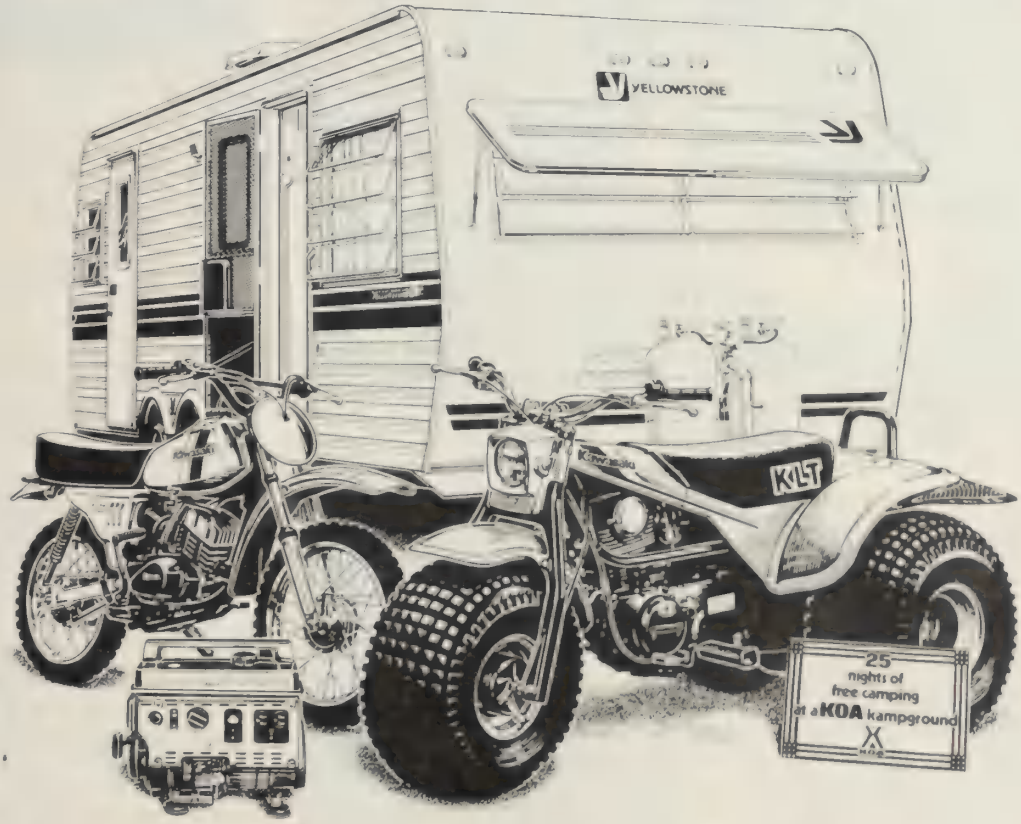

We're giving you a chance to run to the sun in style, by giving away everything on this page. Everything, including the powerful 3-wheeled Kawasaki KLT; the rugged and dependable Kawasaki KG550 Generator; the spirited Kawasaki KD80M2 Trail Bike; Camper Night Certificates at KOA Kampgrounds; and to make your run to the sun complete, a 26 foot Yellowstone Travel Trailer! It's all part of the KOA/KAWASAKI "Run to the Sun" Sweepstakes.

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DAVID STI

Piñata *will crack at night this year at Monterey's posada celebration*

Mexican Christma in Monterey

The Mexican heritage of Monterc shines through at Christmastime, esp cially on the evening of December 1 when streets fill with the flickering ligh of a posada procession and the joyou sounds of a piñata party. You can join i these festivities as well as in decoratin and tree lighting events earlier in t month.

The new Monterey Conference Cent at the wharf is the site for the posada. begins around 6 P.M. at Pacific Stre and Del Monte Avenue and winds slow around several blocks. Along the wa processioners carry lighted candles an sing the story of Mary and Josep searching for shelter in Bethlehem.

The hour-long procession will end bac at the conference center with a piñat party and hot chocolate. It's all fre There's parking in a free lot at Washing ton and Lighthouse streets and a ho of new shops to browse through in th wharf area. To get there from State Hig way 1, take the Fremont Street exit, tur right on Abrego Street, and turn right o Washington.

December 3 through 6 at the Montere County Fairgrounds, you can get dec rating ideas at the Festival of Trees fro 10 to 9 (till 5 Sunday). Admission is $ for adults, 50 cents for children unde 12. The fairgrounds are at Fairgroun and Garden roads off State 68.

And on December 4 at 6:30 P.M., yo can watch the lights go on at the big tre at Pacific and Madison streets. Chora groups and bands will perform in th hour-long ceremony.

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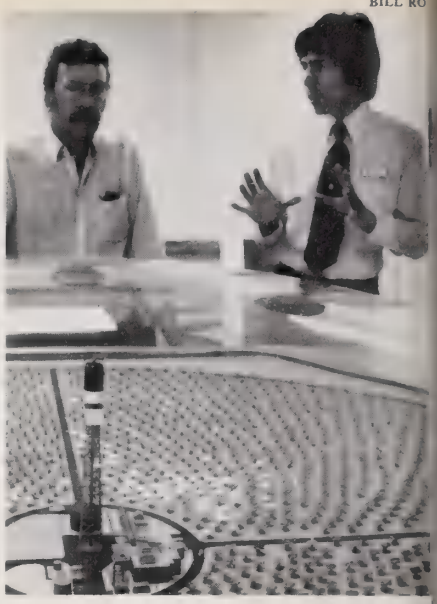

Scale model *of solar power plant's central tower and mirrors, covering 100 acres, is on display at new visitor center*

Looking in on Solar One

Turbines start whirling this month in Daggett, California, at Solar One, the nation's first large solar power station.

You can't tour the plant itself, but if you're driving through the Mojave on Interstate 40, you can stop at a new visitor center for a free lesson in energy production. The center is just 7 miles east of Barstow; take the Daggett off ramp and go right 2 miles on National Trail's Highway.

About 2½ hours from Los Angeles, this is a good midway stopping point on a drive to Las Vegas. A lattice-covered picnic area overlooks the Solar One project.

About half the visitor center is devoted to solar energy displays. A scale model of Solar One shows its 1,818 computer-directed mirrors and 300-foot central tower. You can take a close look at real pieces of the hardware, such as a section of mirror and part of the steam boiler. Among 12 films available for viewing is a 15-minute show that explains how the sun's energy can produce electricity.

The center (open 9 to 5 except Christmas and New Year's Day) also offers displays of a variety of energy sources, from conventional oil, natural gas, and coal to innovative wind power, synthetic fuels, and geothermal power.

As the world's largest solar generating plant, Solar One will produce 10,000 kilowatts of electric power during peak daylight hours, enough electricity to serve about 6,000 typical homes. □

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Watchful *of onrushing breakers, young diggers probe sand with clamming forks in search of Pismos near Huntington Beach p*

California's most clam-productive beach could be Huntington . . . 12 good clamming days coming

Minus tides—the words make clammers' ears perk up. It's during those periods of exceptionally low tides that clamming is best. In December and January, there are 12 days of ideal conditions and, if this year is anything like last, the place to be for Pismo clams is Huntington Beach in Orange County.

Along a 2-mile stretch from the Huntington Pier to the Santa Ana River, diggers averaged six Pismos per day last season, making the area the best spot in the state. The long, gently sloping contour at Huntington Beach makes getting at the clams easier than the steep drop at some beaches.

The Southern California coast from Newport Beach to Ventura offers the best Pismo clamming north of Mexico. You can find the clams as far north as Monterey, but most are below legal size (4½ inches minimum). Even the catch at Pismo Beach is mostly undersize—one upshot of the migration of Pismo-eating sea otters to northern California.

Other good locations for Pismos north of Huntington Beach are Long Beach (north of Belmont Pier), and Ormond Beach south of Ventura.

Tides this season are lowest in the afternoons from December 9 to 14 and January 7 to 12. Tide tables, available at sporting goods or tackle shops and public libraries, chart the precise times.

You should bring a clamming fork, a bucket, and a ruler. Forks can be rented at a few tackle shops, or you can improvise by using a garden fork or shovel.

Standard digging procedure is to walk backward parallel to the beach while poking the sand with your fork. When you tap a clam below the surface, simply dig it out. If you dig up an undersize clam, you must reinsert it into its hole.

A salt-water fishing license, which is required, can be obtained for $5.75 from tackle shops and the California Department of Fish and Game. Legal clamming hours extend from a half-hour before sunrise to a half-hour after sunset. Daily limit is 10 Pismos. □

Palm-size Pismos *are your reward. Normally up to 5 inches wide, they're buckskin-colored, sometimes striped*

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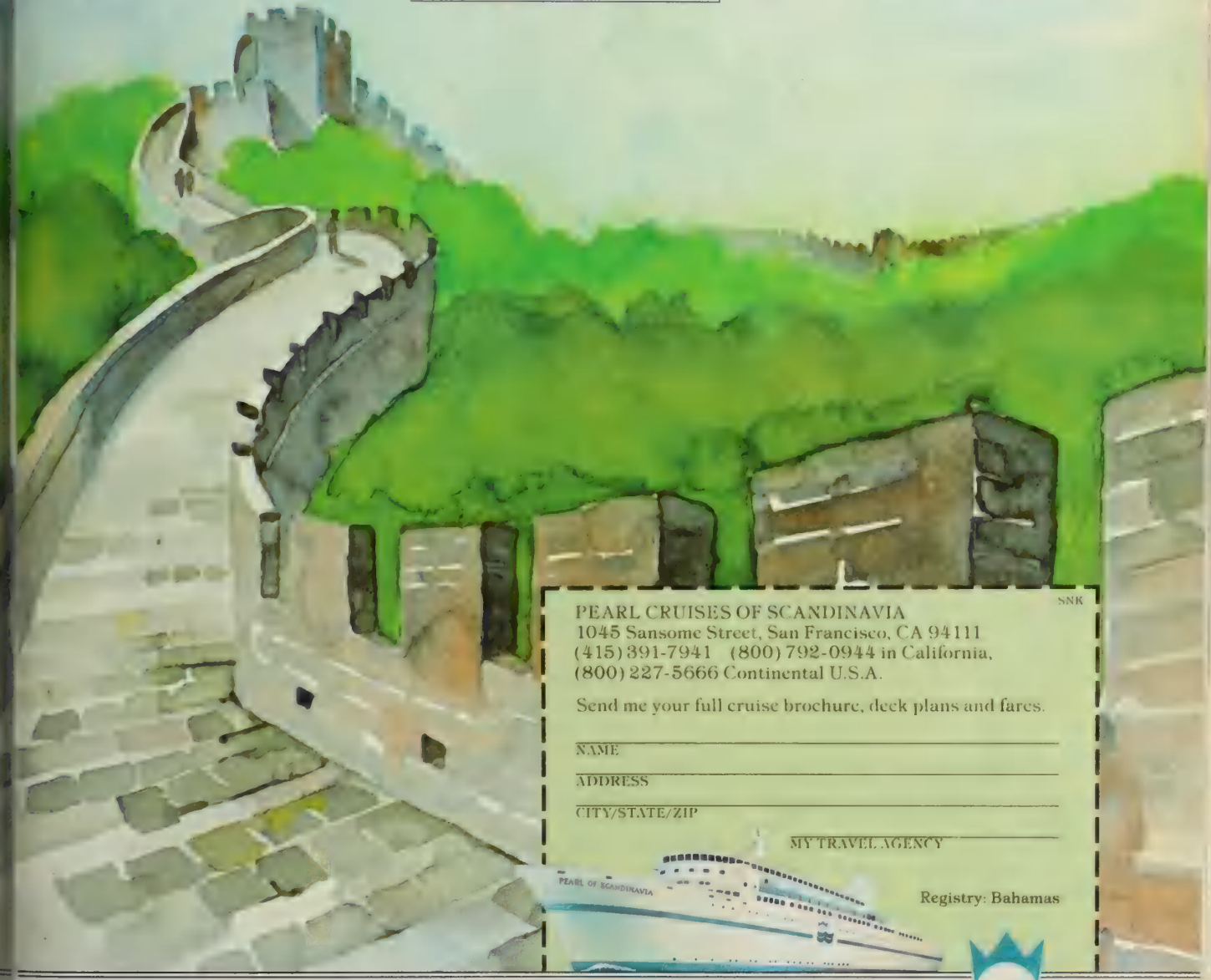

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Like a great glass ark, *Garden Grove's Crystal Cathedral soars above its reflecting pool; dark horizontal strips are open windo At left stands skyscraper church designed in the late 1960s by Richard Neu*

Architectural sightseeing and Christmas music at Orange County's Crystal Cathedral

Expressive modern architecture becomes the setting for a holiday concert and pageant this month at the Crystal Cathedral in Orange County, California. If you haven't already seen this striking one-year-old building, here's a chance to combine architectural touring with Christmas music.

Outside, it doesn't look at all like a conventional church: no spire, no well-worn stones, no stained-glass windows. Instead, an angular mirror-sheathed monolith rises to a sharp 12-story peak. Inside, steel trusswork supports the glass walls that surround a vast open space shaped like a four-pointed star. The play of light, the openness, the great height—these are the qualities that recall the great cathedrals of the past.

New York architect Philip Johnson designed this building with a large audience in mind. Theater-style seating on two levels accommodates 3,500. Two nine-story-high doors open onto a parking lot, where additional churchgoers can listen to services from their cars.

The pageant takes place inside. Titled "The Glory of Christmas—A Living Nativity," it has a cast of more than 250 performers and musicians, along with cattle, sheep, donkeys, and camels. Forty performances—most in the afternoon and evening—will be given from Wednesday, December 9, to Saturday, December 19. Tickets cost $10.50 and $12.50 ($8.50 and $10.50 for children and seniors). For a schedule or to place credit card orders, call (714) 971-4010.

JERRY FREDRICK

Triangular steel braces *zigzag above Christmas choir on marble stairs. Next to tree is white stone altar*

You can arrange free guided tours of t building by calling (714) 971-4013.

The Crystal Cathedral is in Gard Grove at the corner of Chapman Aven and Lewis Street, about three bloc northwest of the junction of the San Ana Freeway (I-5) and the Gard Grove Freeway (State 22).

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ULLA PIR

Three-masted *Af Chapman once sailed the high seas. Today it serves as floating hostel in Stockholm's harbor*

Floating hostels in Stockholm

If a berth on a ship is more your st than accommodations on dry land, you find inexpensive lodging in Stockhol Sweden, on two floating hostels. One the *Af Chapman*—the last of Swede sailing ships. The other, the *Mälaren* ho tel, is a converted barge.

Af Chapman. More historic of the tw this square-rigged three-master was bu in 1888 and sailed under the Englis Norwegian, then Swedish flag. No moored in the harbor across from t royal palace (address: Skeppsholme 111 49 Stockholm), it's open for lodgi from January 15 through December 1 A bunk costs 29 Swedish kronor (abo $6) per night for Youth Hostel Associ tion (YHA) members, 39 Skr. ($8) f nonmembers.

Mälaren. The Mälaren hostel is open f lodging all year. YHA members pay Skr. ($7), nonmembers 40 Skr. To rea the Mälaren (Söder Mälarstrand, 111 Stockholm), take the subway to Sluss station; you can't miss the bright re orange barge at this stop.

Each hostel has separate male and f male sleeping quarters. Guests mu bring sheets or buy a set of disposab ones at the hostel for about $3.

Dormitory areas close daily between and 4; ship cafeterias are open all day.

For reservations, you can write direct to the hostels or send an advance boo ing post card, obtainable from the Ame ican YHA, 1332 I St. N.W., Suite 80 Washington, D.C. 20005; telepho (800) 424-9426.

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WHATCHA

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But the 1982 Isuzu's virtues go w beyond that.

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According to a recent survey, a lot of people think the name of the car and truck pictured on this page is pronounced:

A. Isubo
B. Itsuzu
C. Asado
D. Azusa
E. All of the above.

Yet, according to recent statistics published by R.L. Polk, the Isuzu is the most successful new line of imported cars and trucks ever introduced in the history of the United States.

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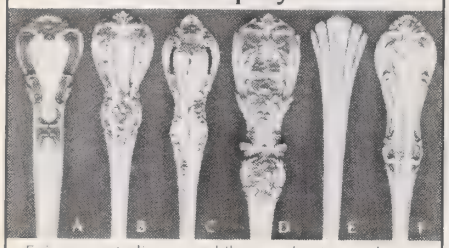

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DAVID ST

St. Nicholas *brought antique auto, rocking horse, and dolls to the mansion last year*

Victorian Christmas in Fresno

An Englishman with a veiled past, M. Theo Kearney appeared in Fresno in 1869 and helped the region blossom. He bought hundreds of acres and, with effort and irrigation, encouraged those acres to bear copious amounts of vegetables and fruit—most notably raisin grapes, still an important Fresno County crop. So successful was he that by the 1890s he could attempt the most grandiose dream of all: the transformation of his property into a near-baronial estate. Today any visitor to Fresno's Kearney Mansion Museum and Kearney Park can see the results of Kearney's dream, results especially pleasing at Christmastime.

Kearney planned for a massive, turreted chateau, surrounded by gardens and reached by a palm-lined boulevard 7 miles long. Today 240-acre Kearney Park is still graced by great, arching oaks and a pool-table-smooth lawn (now dotted with picnic tables and barbecues), while Kearney Boulevard remains one of the stateliest thoroughfares imaginable.

Only the chateau is missing, still in the planning stage when Kearney died. What does stand is the house Kearney lived in while designing his dream; it's an imposing structure restored as a museum and now the home of the Fresno City and County Historical Society, filled with Victorian furnishings.

From December 6 to 30 (except 24 and 25), the mansion will be adorned wi evergreens, ornaments, bowls of h spiced punch, and other accoutermen of Christmas as Kearney might have e perienced it; there will also be an exhib of antique dollhouses and toys, a gi shop, and weekend music. Decemb hours are 1 to 4 daily; admission is $1.5 for adults, 50 cents for children 6 to 1 For details, call (209) 441-0862.

Take Highway 99 to the Fresno Stre exit, go southwest three blocks to th Kearney Boulevard gateway on you right, then continue on the boulevard miles.

Stately *1900 superintendent's lodge is now the Kearney Mansion Museum*

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Christmas lights, music, magic, in Balboa Park

Twinkling lights *rein reindeer for Santa's departure from Balboa Park runway*

JERRY FREDR

The nine San Diego museums on Balboa Park's museum row have their own ways of celebrating the Christmas spirit. You can join their festivities on December 4 and 5, from 5 to 9 P.M., when carolers and madrigal singers fill the park with music, lights are strung from trees, and each museum beckons with free admission and a special holiday event.

You can hear bell ringers at the Reuben H. Fleet Space Theatre and the Aerospace Hall of Fame, watch a magic show at the Museum of Art, and taste Oriental foods at the House of Pacific Relations or English pasties at the Museum of Natural History.

At the Museum of Man, you can sample Swedish Christmas foods and glögg while watching Santa Lucia processions. Children can learn a Swedish folk dance.

The new Museum of San Diego History is not scheduled to open until 1983, but on these two evenings its lobby will be a stage for Christmas concerts.

Violin duos will play at the Timken A Gallery. You can have your handwriti analyzed at the San Diego Art Institu and local athletes will greet fans at t Hall of Champions.

More is planned, so ask for a schedule events at the information kiosk found each of the park entrances (also at ea museum's entrance).

To reach Balboa Park, take State Hig way 163 north from I-5 and exit at Ric mond Street. Parking is free.

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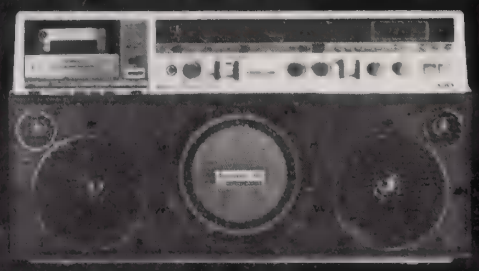

CS-690 AM/FM Cassette Reporter

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While most other countries have a thriving ethnic culture, Singapore has four.

The festivals and foods, customs and costumes of the Chinese, Malay, Indian and Western cultures are revered and relished by all in Singapore. Here, 'Wayangs', performed on street corners by minstrels in glittering traditional Chinese opera costumes, provide a dazzling spectacle and up to 5 hours of free entertainment.

There are hotels in Singapore that can host a convention for 1,500 while offering a 3,000 year old tradition of service. The many luxurious hotels date from the colonial era to the day before yesterday.

In Singapore, dining out means enjoying a great meal beneath the stars. Here you'll find many popular outdoor eating spots, where you can enjoy delicious Asian cuisine such as chili crab and satay washed down with a fresh ice-cold fruit juice.

Fortune-telling is an important part of Singapore's local culture, and many different techniques are employed to glimpse the future. This venerable gentleman's parrot selects the card which holds your fate.

Singapore

To: Singapore Tourist Promotion Board
251 Post Street, Suite 308, San Francisco, California 94108-5068 Or 342 Madison Avenue Suite 1008, New York, New York 10017

Name _____

Address _____

Please send me more information on Singapore
S-12/81

NORMAN A. PL

1. *Dress knife ($36): stainless steel, 1 blade, scissors, file.* **2.** *Dress knife ($19): stainless steel, 1 blade.* **3.** *French country knife ($6.50): carbon steel, pear wood handle, 1 blade.* **4.** *Hunting knife ($27.50): steel with alloys, 1 blade.* **5.** *Hunting knife ($87): steel with alloys, 1 blade.* **6.** *Produce knife ($26): stainless steel, 1 blade, 1 fork.* **7.** *Fishing knife ($23): 1 blade, scaler.* **8.** *Whittler's knife ($22): stainless steel, 3 blades.* **9.** *Scout knife ($14.50): stainless steel, 4 blades.* **10.** *Rigging knife ($25): stainless steel, 1 blade, 1 marlin spike.* **11.** *Picnic knife ($16.50): stainless steel, 1 blade.* **12.** *Basic pocket knife ($13): stainless steel, 3 blades*

Fisherman, hunter, sailor, whittler, Girl Scout, picnicker . . . almost anyone needs a good pocket knife

For surviving in the wilds or slicing fru on a picnic, a pocket knife comes handy. From special-use knives for hun ing or whittling to multiblade Swi Army knives, pocket knives share o virtue: they're a safe way to carry sharp, versatile tool.

A pocket knife makes a sensible Chris mas gift for anybody who enjoys the ou doors or just likes to carry one for dai

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The Toyota Starlet. Toyota's highest gas mileage car.

But the Starlet is more than just a gas saver. It's very well equipped. So well equipped, you'd probably want one even if gasoline only cost 50 cents a gallon!

Every Starlet includes standard features like reclining bucket seats. Full carpeting for comfort and quiet. And MacPherson strut front suspension and rack and pinion steering for precise handling. There's even a sporty 5-speed overdrive transmission and electric tachometer.

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The dependable, total economy Toyota Starlet. No wonder Road & Track Magazine named it "the commuter car of the 80's!"

NORMAN A. PLATE

Champion model *of Swiss Army knife has 24 features, including blades, nail file, magnifying glass, can opener, scissors, fish scaler with hook disgorger and ruler, saw, screwdrivers, and corkscrew. Price: about $55*

use. The challenge, however, is selecting a knife most suitable for the person and purposes. On page 60, we show a dozen different pocket knives. Below, we describe their uses and discuss the qualities to look for when you shop.

Pocket knife choices: from Swiss Army types to rigging knives

The average outdoorsman will probably find a Swiss Army knife most useful. High-quality forged stainless steel blades with attachments (see the photograph above) eliminate the need to drag along many kitchen tools. There are about 35 models; prices range from $7 to $55.

You'll find cheaper imitations of Swiss Army knives and simple pocket knives priced from $3 to $15.

For the hunter or someone who can use a large single-blade knife, there are many good quality brands with prices ranging from $13 to $116.

For the complete picnicker, a French country knife ($6.50) or a melon knife ($25) will come in handy.

For the sailor, rust-resistant stainless steel specialty knives will help with the chores. Rigging pocket knives (available from marine supply and cutlery stores) often include a marlin spike as well as a rope-cutting blade. Prices range from $7.50 to about $25.

For fishermen, there is a great variety of pocket knives. A knife with a fish scaler, fillet blade, and hook disgorger and sharpener costs around $23. One model with a mallet for knocking out the fish, a scale for weighing your catch (pictured on page 64), plus a scaler and fillet blade runs about $48.

And for those who want a pocket knife with elegance, beautifully crafted dress knives in flat, thin shapes fit well into purses or suit pockets. They're pri from $12 up.

Blade steels—stainless, carbon, alloy blends

Pocket knife blades are made of stain steel, nonstainless (carbon) steel, an blend of these two which may also c tain chromium and other alloys. St less steel doesn't rust or stain, bu won't hold an edge as well as carb steel and is more difficult to sharp Carbon steel will keep a sharper ed but you need to keep the blades dry a oiled. More costly high-grade steel-al blades resist most rust. Some exp attest that alloyed blades are super but others say that blades made w chromium are difficult to sharpen a won't hold an edge as well.

Will the blade hold an edge?

How well a pocket knife blade holds edge is a major consideration wh shopping. Knives made of hard-te pered steel will hold a keener edge—a cost more—than those made of s tempered steel. But unless the metals properly alloyed, the blade can be bri and break if used to cut too hard a ma rial. Low-cost knives are usually stam from metal; they have blades of s tempered steel that lose their edges r idly. Higher-quality blades are for and hard-tempered.

When shopping, you may come acros Rockwell hardness scale (stamped at base of the blade). A rating of 56 to indicates best edge-holding abil You'll find pocket knives that dip to

What's the shape of the blade edge?

There are three basic blade shap single-dimension wedge grind, doub wedge grind, and hollow grind.

With single-dimension wedge grind, blade tapers from spine to edge but back to tip. Least-expensive blades this shape.

With double-wedge grind, the bl tapers uniformly from back to edge in thickness from base of blade to This shape is characteristic of more pensive knives, and it's preferred average use. Its flat, thin profile sim cuts better.

With a hollow grind, the blade dips a thin, razor-sharp edge—ideal for fil ing fish. These blades must be of hi

Stainless, carbon steel, or alloy blade? What shape blade edge? What about the handle

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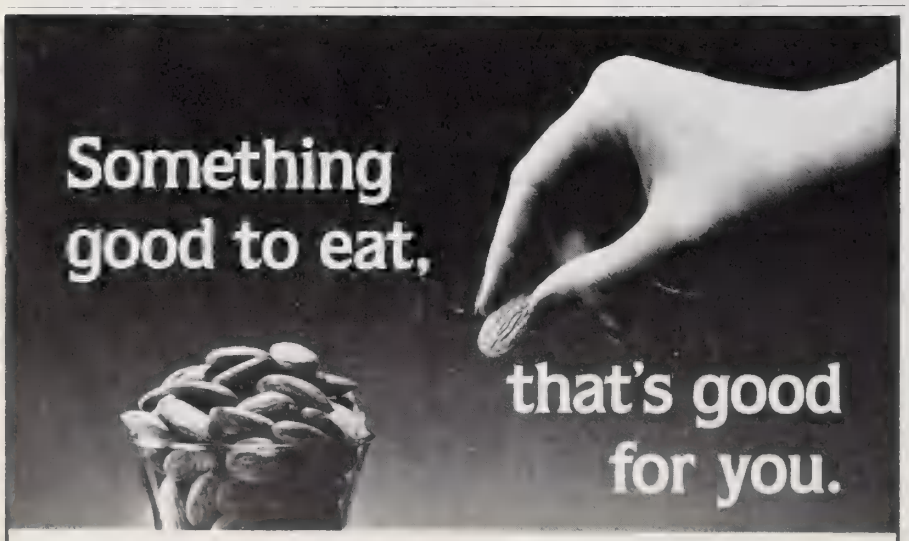

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MARIANI
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NORMAN A. PI

Fishing knife *includes scale for weighing fish, mallet butt for knocking out catch, plus a scaler and fillet blade*

quality steel or the thin edge can bre or dull easily.

Handle casings and innards

Aluminum, steel, plastic, wood, ho micarta (linen impregnated with res sterling silver, and gold are all used handle casings. Along with the spri and blade slots, this is usually the m costly part of the knife.

Plastic is your best bet for durability a moderately priced knife. Micarta attractive and sturdy but is used higher-priced knives. Wood is ha some, but it requires treatment with seed oil to prevent drying and cracki

Look at the bolster (cap at the end of handle) and linings of the knife. D the bolster fit into place so no gaps visible? Do the blades open and cl smoothly? Is the blade properly aligr so that it fits snugly in the handle sl How does the handle feel in your har (Balance is important.) Does it have locking mechanism so the blade wo accidentally close on your hand?

If it's not hidden, look for a lar diameter pivot pin or one made of sta less steel or brass for strength and d ability.

Check for wobbles and gaps, and exa ine several knives of the same mod since quality control can vary.

Taking care of a pocket knife

Keep carbon steel dry, clean, and oil Never use an electric sharpener as it w damage the blade. Instead, use a r dium-grit stone and honing oil to fl away steel particles. A soft Arkans stone (about $6) is best for achieving razor-sharp edge.

Experience more than Alaska's stunning scenery. Experience Sitmar.

Cruise past magnificently timbered mountains. And craggy, snow-covered peaks. See great rivers of glistening ice plunging into the sea. Enjoy it all in the civilized comfort and luxury of the Liberian-registered T.S.S. Fairsea.

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JERRY FREDRICK

Salesperson points out *unit markers on board for L.A. Scene game. Players vicariously experience city life*

DAVID STUR

Close-up section *of board for In the Chips San Francisco shows downtown district landmarks, gives a sense of local wage opportunities*

Games for armchair travelers

Ever wonder where to find shaved ice in Haleiwa, Hawaii? Or which hotels you'll find atop San Francisco's Nob Hill? Or where in the West to encounter the organ pipe cactus? The answers to these questions and numerous others are found in some of the travel information games recently introduced to the market. Among those we list (games for Western locales only), you may find the ideal gift for a traveler or would-be traveler who'd like to get acquainted, in an informal way, with a new city or region in the West.

Generally designed for ages 10 through adult, the various games encourage players to tour landmarks, accumulate wealth through local investments and sales, or answer questions about the particular area involved. They're sold in department stores, toy and game stores, and gift stores, but you can also order any game from its manufacturer for the retail price plus a shipping and handling charge (residents of Arizona and California should add sales tax when buying games in their own states); allow two to four weeks for delivery.

Touring games

Denver Scene, Fresno Scene, Hawaii Scene, Los Angeles Scene, Phoenix Scene, Salt Lake City Scene, San Francisco Scene. Competitors play at living and working in the city, get politically involved, tour landmarks, and accumulate wealth through cagey money management. Attractive packaging and game boards. John N. Hansen Co., 2861 La Cresta Ave., Anaheim, Calif. 92806; cost is $15 plus $2.50 shipping.

In the Chips Hawaii, In the Chips San Francisco, In the Chips Silicon Valley. Here you negotiate your way through an area, buy a home and a car, invest in a business, manage your finances. Games feature the names of local businesses, newspapers, schools, and banks. TEGA, Box 26247, San Jose, Calif. 95159; cost is $15 plus $1 shipping.

San Francisco, The Tour Game. Players tour the city from Sigmund Stern Grove to the Ferry Building and from Lombard Street to Mission Dolores; first player to land on all 31 scenic attractions wins. Attractive board, with photographs. A pamphlet briefly describes each attraction. H & K Publishing, Box 7452, San Francisco 94120; cost is $14.95 plus $2 shipping.

Regional ecology games

The Desert Game and *The Ocean Game.* Based on the Sonoran Desert and Pacific Coast environments, these games entertainingly introduce you to the worlds of the chuckwalla, catclaw, nudibranch, and elephant seal. The object is to answer the most questions correctly. Sage Publishing, Suite 104, 2500 N. Pantano Rd., Tucson 85715; $7.50 plus $1.25 shipping.

IN YOUR SEARCH FOR A LONGER LASTING CAR, REMEMBER LONGEVITY IS HEREDITARY.

As car prices have spiralled, so have people's xpectations of what they should get for their ıoney.

A recent study by the Roper organization, for stance, has shown that Americans plan to keep ıeir cars longer.

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alysis conducted by Ken Warwick & Associates, Inc. Based on a comparison of U.S. registration data for Volvo and for the automobile ustry as a whole and not by individual make. Summary available at your Volvo Dealer. © 1981 Volvo of America Corporation.

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Tennis, beneath blue-green mountains and molten sunsets. Sculptured pools, where you can swim amongst frolicking fountains . . . or to a cool mai tai at a sunken bar. Three restaurants, including one serving haute cuisine graced by crystal and gold. Dancing, at the edge of a sequined sea. Gallery and boutique shopping. The finest rooms and suites in the archipelago. And all around—the orchids and rainbows and smiles of Kauai.

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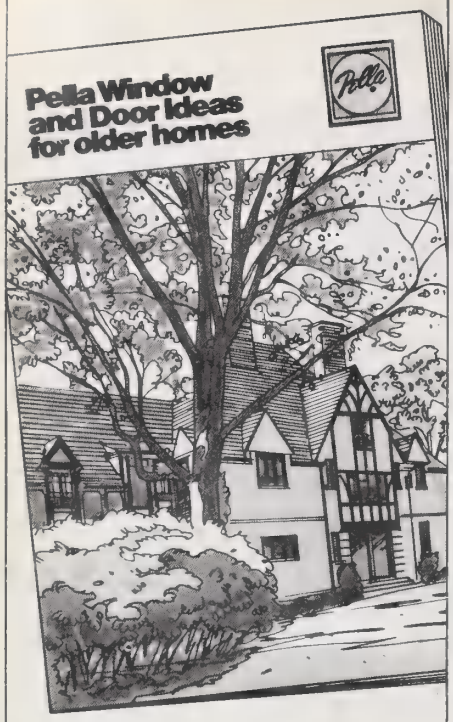
Ask your travel agent about our special Discovery Rate effective through December 23, 1981-$50.00 per room.



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U.S. GEOLOGICAL SURVEY

Soaring ash plume *heads toward stratosphere after the top of Mount St. Helens was blasted off; view is one of six you can order*

Mount St. Helens photographs, maps ... by mail from USGS

The awakening of Mount St. Helens on May 18, 1980, may have become history for most of us, but the United States Geological Survey has continued to map, photograph, and research the devastated area. Now some of the USGS material is available by mail.

New releases include aerial black-and-white photographs, pre- and post-eruption perspective views made from Digital Elevation Models (DEM), and a 36- by 40-inch map with color photographs and statistics on the reverse.

The six square aerial photographs can be ordered in four sizes: 9 inch ($5); 18 inch ($20); 27 inch ($25); and 36 inch ($35). Order by number: May 18, 1980, eruption with vertical plume of steam, gases, and ash from the summit (80S3-137); closer view of summit, pictured above (80S3-172); summit with ash fallout visible in the plume (80S3-190); vertical plume from summit contrasting with surrounding forested slopes (80S3-203); very close view of crater and eruption with Mount Hood in the background (80S3-303); and U-2 aircraft image of volcano blast area (NASA 580002891 Frame 27).

The DEM computer prints ($4 for both) are 24- by 36-inch Diazo reproductions, similar to a blueprint, which will eve tually fade. The image can be preserv by having a lithographer or photocopyi service make a photostat reduction.

To order any item, send a check money order to USGS, 345 Midd field Rd., Menlo Park, Calif. 9402 Direct the map request (ask for "Mou St. Helens and Vicinity," March 198 to the Public Inquiries Office, the phot graphs and DEM prints to the Natio Cartographic Information Center. T USGS requests at least two weeks process photographic orders, several da for maps.

ANGELA CARD

Computer graphics *depict post-eruption Mount St. Helens from the northeast*

DODGE MINI RAM. MORE MILEAGE, RANGE AND SEATS THAN VW VANAGON FOR $1325 LESS.

Who moves more people than 'W for less money? It's Ram ough Dodge's new Mini Ram Vagon.

Compare Dodge Mini Ram 50 to VW Vanagon—passenger eating, gasoline mileage, fuel apacity and range, horsepower nd rear loading area. Mini Ram ives you more.

Then compare standard eatures like power steering and actory-installed options like air onditioning and your choice of 6 ound systems: all available in Mini Ram. Not in Vanagon.

Now compare price. Mini Ram costs $1,325 less than Vanagon. For panel-side van uyers, there's a Dodge Van vith the same performance, efficiency and interior dimensions as Mini Ram Wagon at a price VW hasn't seen in years—just $6,928.*

Underneath it all, Mini Ram is a Ram Tough Dodge Wagon. With the best rust protection of all wagons. There's 100% electrocoating, plus 370 sq. ft. of galvanized steel in critical areas . . . compared to VW's 4 sq. ft.

New Dodge Mini Ram Wagon. It does more than VW Vanagon and it does it for less. As a pure people mover, it just might be the best buy on the road today.

Here's how Mini Ram beats Vanagon

	Dodge Mini Ram Wagon 250	VW Vanagon
Sticker Price (MSRP)	**$9,365.00***	**$10,690.00***
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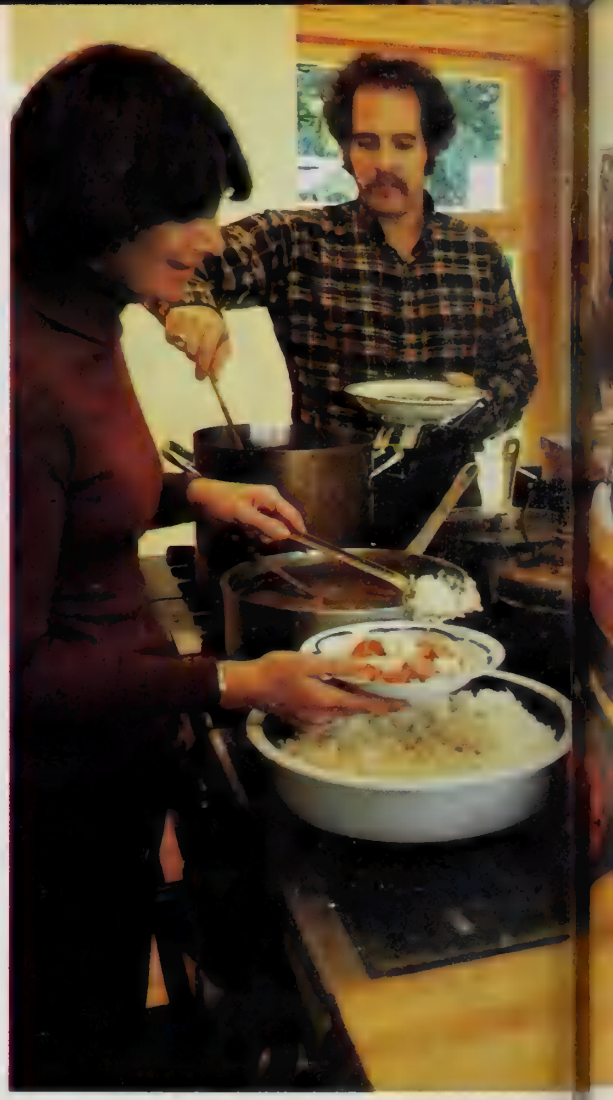
Horsepower	95	67
Passenger Seating	8	7
Overall Length	178.9"	179.9"
Wheelbase	109.6"	95.8"
Fuel Capacity	36 gal	15.9 gal
EPA Est. Range	684 miles**	270 miles**
Side Door Width	49"	42"
Removable Rear Seat	Yes	No
Power Steering	Standard	Not Available
Color-Keyed Carpeting	Standard	$410 with int. pkg
Factory-Installed Air Conditioning	Option	Not Available

Dodge Trucks

DODGE TRUCKS ARE RAM TOUGH

*Sticker price comparison, excluding title, taxes and destination charges, standardized for different levels of standard equipment. Whitewall tires $85 extra. Prices and specifications as of October 1, 1981.

**Use these numbers for comparison. Your mileage and range may differ depending on speed, distance and weather. Calif. est. lower.



1 · All join in for wreath making and winter soup with the Berks—page 74

Join us for a Christmas-making party

You'll make wreaths or ornaments or batik.
You'll gather around the stove for supper.
You'll go home with something for your door or tree.
Here 3 families share their get-to-work parties

BILL ROSS

3 · Young batik makers display an afternoon's work at the Townes'—page 78

NORMAN A. PLATE

2 · Wood scraps and beads become tree ornaments at the Iversons'—page 76

Infectious with Christmas cheer, the three parties on these eight pages are guaranteed to set the *bah, humbug* spirit on the run. They are get-to-work parties, with all ages invited to rediscover the joy of making ornaments by hand.

Each is an annual tradition. Host families start a few days ahead to gather the ornament fixings—greens, ribbons, and wire for wreath making; clothes pins, dowels, molding, and more for the wooden decorations; muslin, pens, and paraffin for the simple batiks.

These are walk-around parties. The raw materials are arranged where there's lots of elbow room to work, but the action moves in and out of the kitchen. Any time guests feel like nibbling, or settling down for a meal and a chat, food is there for the taking. Recipes are simple and few; most foods can be purchased and assembled shortly ahead.

Gathering greens *combines with a sunny hike. Acacia branches will add color to wreaths that guests begin by coiling bundles of ivy vines*

BILL ROSS

Fill a plate, *or eat on the run between stages of wreath making. They're making sandwiches of red onion and homemade mayonnaise on French bread. Cheeses and pâtés continue the choices*

Black bean soup *gains zest as guests add toppings of sliced lemon, chopped onion and pickle, and hard-cooked egg. This is a one-bowl, one-spoon meal. Diners circulate through the house or amble back outdoors to watch fellow wreath makers*

They collect greenery, then put three generations to work. Supper is wander-into-kitchen, one bowl, one spoon

T greatest fun," says Judy Berk, "is g people who haven't made anything ars dive in and discover they can do ' Each year, the Berks' wreath-mak- party puts three generations to work v to elbow—twining, twisting, and rating greens to take home.

ed for an afternoon, guests wear ortable clothes and bring pairs of l clippers and pliers. The workshop big deck that opens off the kitchen, y to refreshment stations inside.

day before the party, Tom Berk and young Berks take 33-gallon garbage and clippers in hand. They prune way around their own property and Los Angeles neighborhood. Return- ike Santa with bags on their backs, spread their booty on the kitchen yards-long pieces of ivy, Bailey a, eucalyptus (dry branches with attached), toyon, long-needled Aus- n pine, nandina (red berries), wis- vines, dried grasses and Queen 's lace, rosemary, pine cones.

re wreath makers arrive, the Berks p folding tables and cover them with bed-sheet cloths. They untangle greens into separate piles and set out trays holding spools of 18-gauge wire and ribbons in solid colors, stripes, and plaids.

Ivy vines are the most popular wreath base. Once several 4- or 5-foot lengths are coiled together and secured with wire, guests are ready to weave or wire in all kinds of natural decorations.

Throughout the afternoon, more than three dozen guests wander in and out of the kitchen, snacking on hors d'oeuvres that keep well at room temperature, and stopping by the stove to serve up a helping of black bean soup. Desserts and coffee are stationed in the living room.

around *dessert cart is stationed living room. Fruits, sweets the right level for little hands*

Wreath-makers' meal

Meat Pâtés — **Brie Cheese**
Mustard — **Toast Rounds**
Red Onion Sandwich Makings
Tiny Sweet Gherkins — **Salted Nuts**
Self-styled Black Bean Soup (see page 158)
Lemon Bars — **Carrot Cake**
Fortune Cookies
Winter Fruits Basket
Iced Beverages — **Hot Coffee**

You could make many or few dishes for this menu. The soup, cornerstone of the menu, can be prepared a day ahead. Buy or make the pâtés and pastries, and buy all the remaining elements.

To serve 40, you will need 3 to 4 pounds meat pâtés, a 2- to 2½-pound round of Brie cheese, about 2½ cups mustard, and about 10 dozen toast rounds (use melbas or toast baguette slices).

For the red onion sandwiches, you will need 6 to 7 medium-size mild red onions, thinly sliced; about two 1-pound loaves French bread, sliced; and about 3 cups homemade or purchased mayonnaise.

Also have about 3 cups tiny sweet gherkins and 3 to 4 cups salted nuts. Allow a minimum of 1 piece of pastry and 1 fortune cooky for each guest. Keep dry white wine, soft drinks, small cans of fruit juice, and beer on ice in tubs or a sink. Hot coffee comes from a large urn.

To present the meal, Judy Berk lines a large flat tray with curly endive leaves and arranges three kinds of pâté on it with mustard beside. Another wide tray contains the Brie, garnished with parsley. Guests eat meat and cheese on toast.

DAVID PAVOL

Twined vines *make the framework for two wreaths that guests will take home at the end of the party*

Next to the pâtés and cheese, Mrs. Berk puts the onion slices in a bowl with the bread and mayonnaise alongside for guests to make sandwiches.

Soup simmers very gently in two big pots on the kitchen range. Other elements that provide the self-styling character of the dish are either beside the stove or on it: rice and sausages stay hot in large pans on lowest possible heat. Bowls, spoons, and napkins are also handy.

Mrs. Berk uses a cart to hold the desserts. Glasses are clustered by the cold beverages, mugs by the coffee. □

DARROW M. WATT
Try this, try that. *Imagination perks along when there are plenty of scraps in the work baskets*

2· Wood scrap ornaments and a German bread boy

Guests help themselves to whatever's on the work table... or on the dessert buffet

You may already have most of the materials you need to stage a Christmas ornament-making party. Simply heap a table with wood scraps and assorted trims, and invite some friends for a holiday workshop—where host and hostess join in.

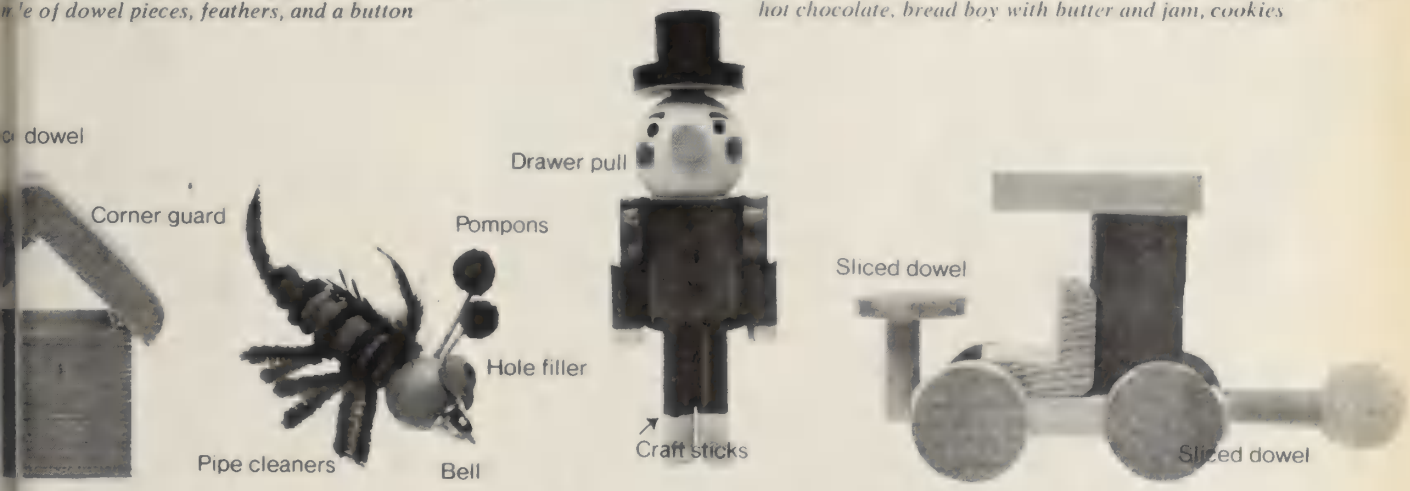
For Hanne Iverson of Palo Alto, California, this party reflects a tradition of her native Germany, where family and friends often get together at impromptu cooky-making or craft sessions during the weeks before Christmas. "Guests drop by," she explains, "roll up their sleeves, and help themselves to whatever materials are available at the work table. It's fun to see what they come up with, especially if there's a good assortment of scraps and trims to choose from." We photographed the Iversons' party; their guests made most of the ornaments pictured here.

Before guests arrive, cover a table or work surface with taped-down brown paper (or use an old plastic tablecloth) to protect against glue and paint spills.

Fill boxes or baskets with wood scraps of different shapes and sizes for the ornaments: knobs, sliced dowels or wooden clothespins and spools, juic sticks, rolls of thin wood edging. To orate ornaments, offer some of th lowing: fabric scraps, braids and t ribbons, buttons, beads, feathers (fr hobby or fabric store), yarn, co paper, and gummed stickers. For ing, use eye hooks and silver or thread or nylon filament line. If you ask guests to bring their favorite tri add to the pile.

lph, the Flying Thingamajig" *is an impromptu concoction e of dowel pieces, feathers, and a button*

Guests help themselves *to festive dessert buffet: mulled wine or hot chocolate, bread boy with butter and jam, cookies*



'll also need white glue, enamel ts, paint brushes, paint thinner, felt-ed pens, and needles and thread.

might have several ornaments al-y made, to get things started.

a seasonal note at the dessert buffet, versons bake this bread boy.

stmas Bread Boy

are dough as directed for Painted es on page 188. While dough rises, se a 14- by 17-inch baking sheet or lap 2 baking sheets, each 12 by 15 inches, and wrap around middle with foil; grease well.

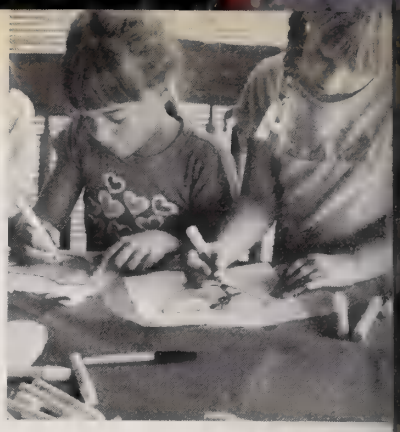
Punch down dough and turn out onto a floured board; divide in thirds. Shape one piece into a smooth ball for the head; place smooth side up near top of baking sheet. Divide one of remaining pieces in half; shape one half into a smooth 12-inch rope, the other into a smooth ball. Curve rope into a crescent for arms and place directly below and touching head, ends pointing down.

Place ball (for tummy) inside crescent, touching at top. Roll remaining piece of dough into a smooth 18-inch rope. Curve into a crescent and place, ends pointing down, directly below and touching the tummy. Curve up ends for feet.

Cover lightly with plastic wrap and let rise in a warm place until almost doubled, about 45 minutes. If desired, paint on face and clothes with egg yolk (see page 188). Bake in the middle of a 350° oven until richly browned, about 25 minutes. Carefully slide onto a rack to cool. Makes 1 large bread boy. □

1 · *On a square of muslin, she traces the outline of a boldly shaped bird cut from heavy paper. Be sure felt-tip pens and markers are labeled "permanent" and "for fabric"*

2 · *First trip to the pan of melted paraffin: wherever she brushes wax onto her bird, the lines or areas will remain white. For each stroke, dip brush anew into wax*



3 · *Back at the work table, they start to apply color. At this stage, choose a light color and be sure to shade all of the design that hasn't been waxed*

4 · *On succeeding trips to the wax, brush or dot it onto your design wherever you want to save the color added most recently. Alternately add wax and color, applying increasingly darker hues*

5 · *Ironing removes wax rapidly from the completed ornament design. A cotton scrap and several layers of newspaper protect ironing board. Sandwich batik between paper towels to soak up wax*

6 · *Free of wax, batik designs were cut out and mounted on felt with iron-on polyamide web. Trim felt, leaving a ¼-inch border. Use an embroidery needle to attach a hanging loop*

3 · Simplified wax-and-dye and a basket buffet

Six children become batikers. Their meal comes straight from one market

Hue by vibrant hue, batik designs became Christmas tree ornaments during an afternoon of creativity that kept half a dozen kids—four of them new to the process—raptly occupied.

Batik is a complex wax-and-dye process that can take weeks. But Southern California artist Dory Towne has developed a vastly simplified version that has turned her own two children and their friends—as young as five years old—into successful batikers. It can result in a pleasing blend of colors, similar to those of authentic batiks. In a few hours, Mrs. Towne's party protegés turned out several batik decorations.

Materials. Stops at an art supply store, fabric shop, and supermarket should do it. You'll need muslin or cotton (cut a 6- to 8-inch square per ornament); heavy paper to make simple patterns; good-quality permanent felt-tip fabric markers in graduated hues; an electric fry pan (gives flexibility of work location); aluminum foil and wax paper; a disposable aluminum baking pan (sized to fit in fry pan); a 15-ounce box of paraffin (4 cakes); baking soda; art brushes in several widths (use cheap ones); newspaper and paper toweling; iron and board; iron-on fusible polyamide webbing; embroidery floss and needle.

Two work areas. Mrs. Towne covers a big table with layers of newspaper and a colorful paper cloth, and sets out muslin pieces, paper patterns, and markers. On a kitchen counter, she genero lines her fry pan with layers of foil places it with a sheet of wax pa nearby for kids to work on. Over heat she melts wax in the baking (keeping baking soda handy in case a wax fire). Start with two cakes of p affin—you want ½ inch of melted w You can use a coffee can to melt w but experience has shown that shallo containers are easier to dip into.

The children work as shown abo Make each brushstroke with a ger ously wet brush—the wax should s right through the muslin, leaving a c outline; otherwise designs look ragged

To finish. As each child finishes a desi it will take you seconds with a wa

Basket buffet *welcomes children to afternoon workshop party. From chicken to cheese to vegetables and breadsticks, everything is finger food. At far left, basket of batik ornaments, made last year, offers inspirations to first-timers*
BILL ROSS

dly colored *batiks adorn green b ghs. Before taking their handiwork h ıe, creators hung a display to admire ı r collective efforts*

Floss-haired angel *was the creation of one seven-year-old. Stitching, stuffing, and quilting are an alternative way to finish the batiks*

ı to remove wax between paper towel- Replace toweling often.

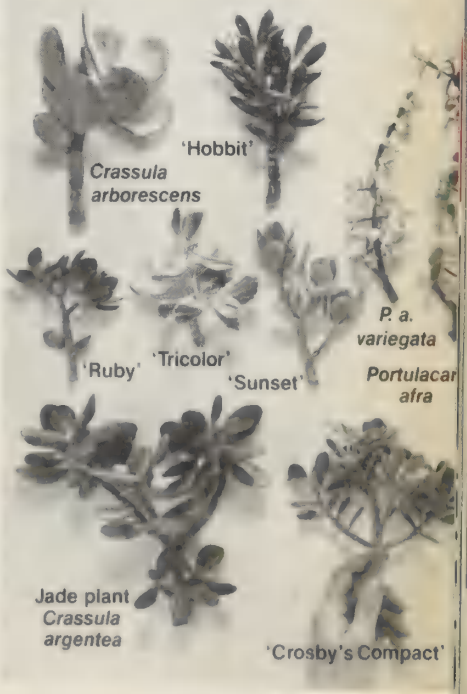
: simplest method to finish the orna- nts is still at the ironing board. Mrs. wne trims around each batik, leaving -inch margin, and pins it to an equal- piece of fusible web. Then she trims h simultaneously following the batik line. Next, she pins the pair to a big- piece of felt, keeping batik and ible web carefully aligned. With a m iron, she irons the ornament, un- ning as she goes, to fuse the three ers together.

ket buffet. To feed six children and adults, Mrs. Towne sets out baskets d with food, all from one well- cked supermarket. Allow 16 fried cken pieces from the deli section; 16 ole peeled slender carrots; 16 celery ks; 3 green peppers, sliced into rings; cherry tomatoes; ½ pound edible-pod s; 16 breadsticks; 8 bagels; ½ to ¾ ınd jack cheese, cut into cubes. For sert, she brings out 8 frozen fruit- e bars and 16 cookies. A gallon of le juice quenches workers' thirsts. □

Jade for Christmas

Unkillable gift plant, winter performer, even winter bloomer. 11 different kinds... miniatures, oddities, stripers

Nine choices, *from common jade (lower left) to compact, variegated, "miniature," jumbo and rabbit-ear shaped*



The weed plant of mild-winter areas of California, jade plant is a treasure to gardeners anywhere else. Outdoors in frost-free climates, it's at its most handsome in winter; indoors or out, it's practically unkillable—and that's what makes it an ideal gift in any climate.

You'll find jades with leaves that are round and plump, narrow and rabbit-ear shaped, light green, bluish, or edged with cherry to blackberry colors. Here we discuss 11 readily available kinds.

Easiest to find and to grow is common jade, *Crassula argentea*. Put one indoors or in shade, and you get large green leaves on sinuous stems. Move the same plant outdoors into bright light (adjust it gradually or it will burn) and stems gradually stiffen and straighten, leaves shrink and blush cherry red.

DARROW M. WATT

Newest and strangest, *'Gollum' is a petite, slow-growing novelty with leaves shaped like suction cups*

Blooms are a December bonus *outdoors in mild-winter regions—everywhere. The jade plant is valued for its plump green leaves, jointed silvery trunk, and rugged constitution indoors or out*

You can keep this plant almost unchanged in size for years in a small pot, or give it ample root room and let it grow. As far as we know, the record size indoors is a 30-year-old plant more than 6 feet tall. Outdoors, plants may reach 9 feet with a trunk a foot across. The named crassulas usually stay smaller, from 1 to 4 feet tall.

Smaller-leafed, denser, and shorter is 'Crosby's Compact', or *C. a. compacta*.

Also compact, but less common, is 'Ruby', with a deep burgundy blush in bright sun.

Handsomely striped in green and white, with a thin edge of magenta in bright light, is 'Tricolor'. Keep it in moderate light, as it sunburns easily.

'Sunset' is blotched with yellow, and rimmed in red in strong light. Again, it burns, so avoid intense sun.

Largest leafed is the silver dollar jade or cooky tree, *C. arborescens*. Its leaves, more than an inch across, look like plump gray-frosted wafers with a plum-colored rim.

Small leaves and stems give *Portulacaria afra* the nickname "miniature jade," but its height and spread equal or surpass common jade, reaching 9 to 12 feet high and as much across. Occasionally, you may find 'Aurea', with red stems instead of brown. Both of these are normally quite upright. The creamy-edged form, *P. a. variegata*, cascades naturally, making it well suited for hanging baskets or as a small-space ground cover. Unlike most of the crassulas, the portulacarias don't develop red tones in sun, nor do they bloom in this country.

Two new crassulas

Most intriguing jade on the market is 'Gollum', at left, also sold as 'Green Trumpet' or 'Green Coral'. Plants on the market are usually only 3 to 5 inches tall, slowly maturing to 12 inches.

Quite similar in size and form is 'Hobbit', with long, narrow leaves that curl around to form a rabbit-ear shape.

To find either of these oddities, you'll probably have to visit succulent and cactus specialty nurseries, or order by mail. Two firms that offer 'Gollum' by mail include: Grigsby Cactus, 2354 Bella Vista Dr., Vista, Calif. 92083, (714) 727-1323; and The Plant Place, Box 412, San Marcos, Calif. 92069, (714) 744-9276.

What do jade plants need?

They thrive on minimal attention: water only when dry. Feed seldom or not at all. Protect from frosts—especially potted or small-size plants. Provide full sun or shade outdoors, bright indirect light indoors. To bloom well, plants need bright light, warm days with cooler nights, and several years' maturity. Cramped root space also helps. □

Sequoia winter magic

Among and near the big trees, cross-country and downhill skiing, snowshoeing, snow playing. At Sequoia and Kings Canyon national parks it's quiet, mostly uncrowded, 50–50 for good snow in December

Tangled roots *of a toppled giant stretch in snowy profusion above cross-country skiers in a midforest clearing*

BILL ROSS

ched with lines of fresh snow on mas-
e trunks and limbs, with ice tracing
: spines of individual needles, the red-
ood forests of the southern Sierra are a
ferent world in winter.

his winter magic is especially notice-
le in both Sequoia and Kings Canyon
tional parks. Summer crowds have
nned, and groves of big trees around
: most populated centers—Giant For-
: in Sequoia and General Grant Grove
Kings Canyon—often seem strangely
npty. Even the wildlife has mostly dis-
peared, and silent forests invite the
unch of snowshoes and the rhythmic swish of nordic skis.

While both parks offer a variety of options for winter visits to the largest remaining stands of Sierra redwoods, each has its own ambience.

Barely 5 hours from Los Angeles, Sequoia can get heavy weekend traffic. Most seems to pause at Giant Forest, the park's commercial center. Families staying at the lodge take a leisurely walk up from their cabins for meals in the cafeteria (which we hope will improve this year under new management), and cross-country skiers wax-up skinny skis in the parking lot. Traffic slows down between Giant Forest and the Wolverton downhill area as visitors stop at impromptu snow-play areas or just pull over for a neck-craning view of snow-laden trees.

A good 6 hours from Los Angeles or San Francisco, Kings Canyon seems somewhat less intense. This is nordic ski country and serious *langlaufers* quickly glide off through the tall trees of Grant Grove or across open meadows at the park's edge. Overnighters tend to go to bed early here, and although the lodge and restaurant at Grant Grove will remain open throughout the winter season

To the giant sequoias . . . from Fresno or Visalia

Flying snow *spatters redwood trunks and pint-size pitchers during snowball war along winter hiking trail*

Crunching *over the snow, ranger-led snowshoe hikes are among regular weekend programs*

for the first time, it will be difficult to get a cup of hot chocolate after 8 P.M. on weeknights.

Unfortunately, as in the past three winters, at least 15 miles of the scenic Generals Highway that connects the two parks will be closed until spring. Federal budget cuts and the tremendous amounts of fuel used by snow removal equipment are the culprits. This makes a weekend combination of both areas impractical, since driving the 65-mile alternate between the two parks' centers (see map) can take at least 3 hours.

Whichever park you choose, now is not too soon to begin planning a winter visit. January through March offers the most predictably good snow, and ambitious nordic skiers can explore high-country bowls into May. Before New Year's, finding enough snow for dependable skiing is chancy. Still, the first snows often fall by Thanksgiving, and Sequoia has had a skiable white Christmas 5 of the past 10 years.

The bigger uncertainty is accommodations. By now lodging in both parks is likely to be booked for the Christmas holidays. We list some alternatives here and on page 16.

Gigantic Sierra redwoods. Towering to more than 300 feet, the Sierra's *Sequo-dendron giganteum* aren't as tall as th coastal cousins, *Sequoia sempervire* but they do exceed them in girth.

The General Sherman Tree in Sequo National Park is just over 36 feet diameter (102 in circumference); w a volume of 52,500 cubic feet, it is t biggest living thing in the world. Kings Canyon, the General Grant T in the heart of Grant Grove is nearly big and was dedicated as the natio Christmas Tree in 1926. This year, t 56th annual dedication ceremony—co plete with speeches, caroling, and p sentation of a wreath—will be on D cember 13 at 2:30 P.M.

Though logged extensively in the l 1800's, the giant sequoias were not plu dered as mercilessly as the coastal re woods were. Commercially, the wood brittle and hard to work. By 1890, wh the first small enclave of Sequoia N tional Park was established, there w already considerable public pressure preserve what would eventually becon the combined areas of Sequoia a Kings Canyon parks.

Sequoia Park: more rooms, new ski li First stop in Sequoia should be the vis tor center; it's at Ash Mountain ju

BILL ROSS

l trees *dwarf rustic cabins*
tled in Giant Forest snowdrifts

Which park? Sequoia has a new ski lift, Kings Canyon 69 miles of cross-country skiing

er you enter the park 7 miles be-
d Three Rivers. Between 8 and 4:30
e, you can get a report on road con-
ons: the last 4 miles before Giant
rest is where chains are usually re-
red. Ask for a free map showing the
miles of marked cross-country ski
ils.

m Ash Mountain, it's 16 twisting
es and nearly 5,000 feet of elevation
n to the lodge, cafeteria, small gro-
y, and nordic ski center at Giant
rest. The Park Service has long-range
ns to move this sprawling complex to
other area of the park to lessen the
act on the big trees, but right now
is the nerve center of the park.

eaking and slightly musty, the 100
tic rooms of the lodge can each sleep
to five people. At our deadline, they
re full for Christmas, and weekends
January were going fast. Weekend
ervations (see page 16) for the rest
the season should be made soon.

dden in the trees across the street
m the cafeteria, Sequoia Ski Touring
pen daily from 8 to 5—offers rentals,
sons, and guided day tours. Day
tals of skis, boots, and poles are $8
adults, $5 for children age 12 and
der. Group lessons at 10 and 2 last 2 hours and cost $8.

After December 1, downhill skiers may find a new T-bar on the intermediate hill at Wolverton ski area about 4½ miles northeast of Giant Forest. Open weekends and holidays from 9:30 to 4 (daily December 19 through January 3, snow permitting), this low-key family ski area also has rope tows on a bunny hill and a beginners' hill in addition to the proposed 2,000-foot T-bar. Day lift tickets should cost $8 for adults, $5 for youngsters 12 and under. The small rental shop claims that it usually has enough gear to fit most people.

The first good snowfall closes the park road beyond the other visitor center at Lodgepole, about 2 miles beyond the Wolverton ski area turnoff. Open daily from 9 to 5, the center has a small museum and a slide show explaining giant sequoia forest ecology. Park naturalists offer free snowshoe nature walks Saturdays at 1:30 and Sundays at 9. Reserve snowshoes for family members six and older by calling (209) 565-3364.

Kings Canyon area: new winter services, 69 miles of nordic trails. Just far enough from the big cities to make the trip a commitment, Kings Canyon has practically been the private snow-play area of Fresno residents (it's an easy hour drive from Fresno) for years. This is slowly changing.

With an increasing number of marked cross-country ski trails in and near the park, the Kings Canyon area is slowly becoming a mecca for skiers of all levels.

This is the first year the park concessionaire will stay open at Grant Grove. Lodging is limited to nine cabins with bath, and along with a restaurant and market will be open Wednesday through Sunday from 7 A.M. to 8 P.M. The Grant Grove Ski Touring Center will be open the same days from 8 to 5, offering a program identical to that of its sister center in Sequoia.

At Wilsonia, ½ mile south of the visitor center, the combined lodge/store/restaurant has been the meeting spot of winter visitors for years. This winter it will be open daily from 8 to 7; the restaurant is closed Wednesdays.

From the lodge, Chris Stone and Dutch Scholten of Wilsonia Ski Touring offer a varied program of day and overnight ski tours. Half-day lessons start at $8. Day-long tours outside the park cost $14, and the adventurous can ski to a wilderness hut for two or three days of back-country exploring. Cost for an overnight trip, including four meals, is $65. For a brochure, write to Wilsonia Ski Touring, Box 10, Kings Canyon National Park 93633.

Again, first stop in the park should be the visitor center. In Grant Grove, it's open daily from 8 to 5; you'll find a small museum and maps (25 cents) showing 22 miles of nordic ski trails in the park. Guided snowshoe walks are offered both Saturday and Sunday at 9:30 and 2; to reserve, telephone (209) 335-2315.

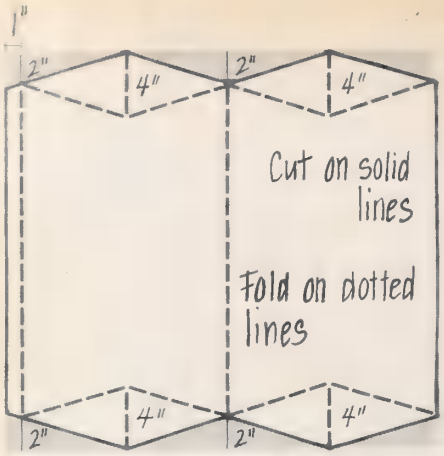
Some of the best cross-country skiing in the area is just outside park boundaries in Sequoia National Forest. Over the past few years, rangers of the Hume Lake district have marked 21 miles of trails over varied terrain at three different sites. The open, gently rolling valley area of the Big Meadows Ski Trail is especially popular. At the ranger station 12 miles west of the park entrance on State Highway 180, pick up a trail map weekdays from 8 to 4:30, or write to Hume Lake Ranger District, 36273 E. Kings Canyon Rd., Dunlap 93621. For the Forest Service snow report, call (209) 338-2251.

From its start in the park, the Generals Highway is usually kept open the 8 miles to the entrance of Montecito Sequoia Lodge. At an elevation of 7,350 feet, it is likely to have good snow early in the season. The lodge has marked 26 miles of ski trails, several of which intersect with the Forest Service's Big Meadows Trail. Although the 36 basic rooms with bath are often full for Christmas, it still may not be too late for last-minute reservations. Nonguests can order the lodge's trail map for $2.50 (see page 16).

Before heading off into the mountains, be sure to check that tire chains fit and that your car's antifreeze is still effective.

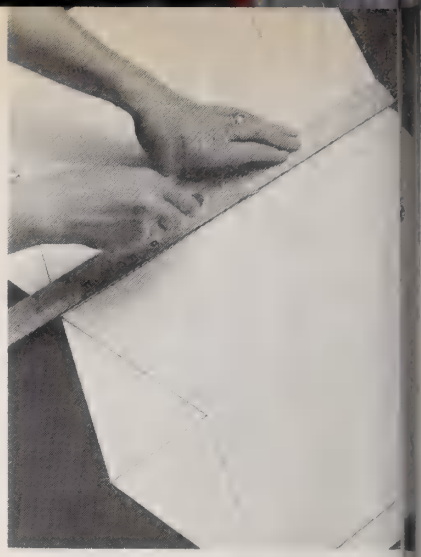
For a recording listing current weather and road conditions at both parks, telephone (209) 565-3351.

For maps or other general information, write to Sequoia-Kings Canyon National Parks, Three Rivers, Calif. 93271. There is a $2 per vehicle entry fee at both of the parks. □



Measure and mark *lines for folding and cutting on wrong side of paper; measurements above are for all box sizes; height and width depend on size of gift*

1 . *Cut away excess paper at top and bottom with scissors or a sharp knife*



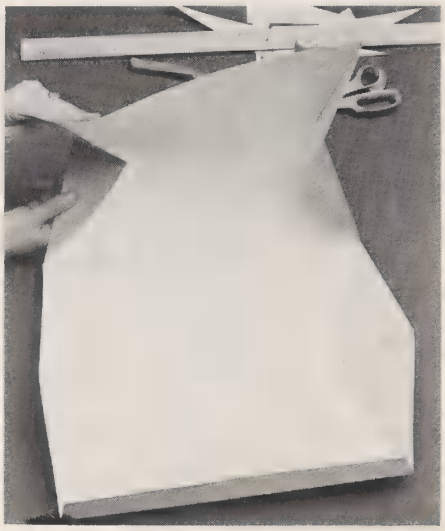
2 . *With the back of a knife blade, lightly score along all fold lines*

Shiny colored papers, folded into geometric bag-like boxes, become elegant or whimsical gift packages when covered with ribbons or paper cutouts. Because you can make them any size or shape, they're especially effective for odd-size gifts. We've tried them on wine bottles, swim fins, and collapsible umbrellas.

We made the ones at right with heavy glazed paper, colored and shiny on one side (about $1 for a 20- by 26-inch sheet at an art supply store), but you can also use medium-weight (2-ply) Bristol paper. You'll also need a ruler, scissors, a sharp knife, and glue (a glue stick works best).

Follow directions above and at right for cutting and assembling the box, using gift size as a guide to package size.

Decorate boxes with ribbons, swags of greenery, or precut stencil letters, or embellish them with cutouts from contrasting colored papers. □



3 . *Fold in top and bottom edges; pinch to crease along fold lines. Also fold under side flap*

4 . *Apply glue stick liberally along side flap. Reach inside box; press flap to inside of box front*

Maybe you have to wrap a bottle of wine, Uncle Clyde's argyles, swim fins . . . they'll all fit in our

Box-bags

TERI SANDISON

ple or fanciful: *glue-on cutouts and narrow ribbons transform plain box-bags. Felt-tip markers created cat, fish*

Gingerbread forest

Easy to grow with slip-together, tree-shaped cookies

Place on fold of paper

Three *half-trees become cooky patterns: trace each on folded, sturdy paper. Cut and open out; mark each tree's center as guide for slashes*

Center of big tree

Center of middle-size tree

Center of little tree

Whimsy with gingerbread is a time-honored aspect of Christmas, from little round men with raisin noses to houses festooned with candy. As a step forward, we propose a fanciful grove of crisp, spicy gingerbread trees dusted with drifts of powdered sugar snow.

Assembly is a matter of fitting together two flat, tree-shaped cookies so they'll stand upright with no additional support. First trace pattern for all three trees onto paper from the designs at left. Use them as guides for cutting the cooky dough. After cookies bake, you cut the slots; pairs have opposing slots that interlock.

Break cookies into large chunks to eat—before or after you slide trees apart.

Gingerbread Tree Grove

In a large bowl, beat together ¾ cup *each* sugar, butter or margarine, and molasses; 1 teaspoon *each* soda and ground ginger; and ½ teaspoon *each* ground cinnamon and nutmeg. Dissolve 2 teaspo instant coffee in 2 tablespoons hot wa and stir into sugar mixture. Gradua stir in 3¼ cups all-purpose flour. Co and chill until firm, at least 3 hours up to 3 days.

Roll ½ of the dough to ¼-inch thi ness on a lightly floured 12- by 15-in rimless baking sheet. Place largest coo pattern on center and cut around ed lift off pattern and remove dough scra Mark center and slash to tree *botto* Bake in a 325° oven until edges golden, 13 to 15 minutes. While hot, a slot as shown. Cool briefly on pan, th transfer to a wire rack.

Repeat to make a second large tree, c ting slot from center to tree *top*. Use maining dough to make 2 medium-s and 2 small trees.

Assemble cookies as shown below a arrange on a board. Dust generously w sifted powdered sugar. Makes 3 trees.

Cut *hot cookies using slashes (made before baking) as a guide; make slots as wide as cooky is thick*

Slide *cookies together to form three-dimensional gingerbread trees. Sugar dusting comes next*

Snowdrift *of sifted powdered sugar is the fin touch for this aromatic, edible forest—a new twi holiday tradition with spicy gingerbread co*

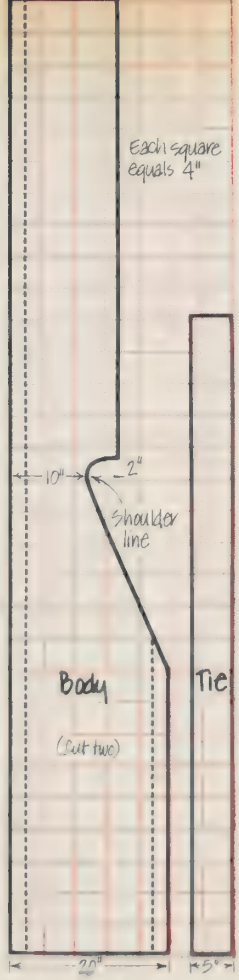
DAVID

Full-length kimonos, front and back. *Individually sized to Jacci and Steve, kimonos overlap across front and tie at waist; side slits allo easier walking and sitting. Simple pattern, padded fabric with parallel quilting, and bias trim make cutting and sewing ea*

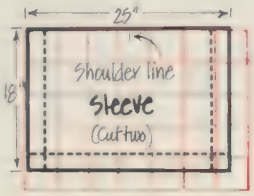
Kick-around kimono

A keep-warm gift for him or her. We borrow from Japanese tradition and Brent Smith of Loomis, California

GLENN CHRISTIANSEN



Cut two body pieces; *join along back seam. Adjust pattern size on sides with dotted lines (see text)*



Cut sleeves *with or across grain of fabric; our kimonos show both possibilities*

Indoor insulation: *in his studio with turned-down heat, Brent Smith keeps warm inside prototype of our kimonos*

To keep warm indoors on cool winter days, house designer and energy consultant Brent Smith dresses in his conventional Western garb and then dons his *dotera* or *tanzen*. Drawing from this traditional Japanese cold-weather kimono, Smith and his wife, Marilyn, of Loomis, California, developed a comfortable overgarment to keep warm while lowering their house temperature.

We took the Smiths' idea of a keep-warm kimono and—by using a prequilted fabric and bias hem facing—made it simple enough that anyone with moderate sewing abilities could make it. The pattern is easily altered for a custom fit (see instructions below), and all sewing can be done by machine. From pattern layout to finished garment takes about 4 hours.

Materials for a kimono . . . sized to you

Two-layer cotton-polyester fabric with batting quilted between (available at most yardage stores) makes a fairly warm, lightweight kimono. To compute yardage required, measure distance from shoulder to ankle, multiply by 2, and add ½ to ¾ yard for sleeves: amount will be 3½ to 4½ yards of 45-inch-wide fabric, depending on kimono size. Also buy 3 packages (2½ yards *each*) matching or contrasting bias hem facing, and thread. If you prefer to hem the bottom rather than face it with bias hem facing, add 2 inches to initial shoulder-ankle measurement. Total cost: about $40.

Putting it together

Outside measurements given on our pattern are for a large, tall man. Make size adjustments along all edges where dotted lines are shown: ½ inch less than full-size lines for medium man, 1 inch less for small man or large woman, 1½ inches less for medium woman, and along dotted lines for small woman.

To cut body pieces, fold fabric lengthwise, leaving enough single fabric along one selvage for the tie; open out to cut sleeves (with or across the grain).

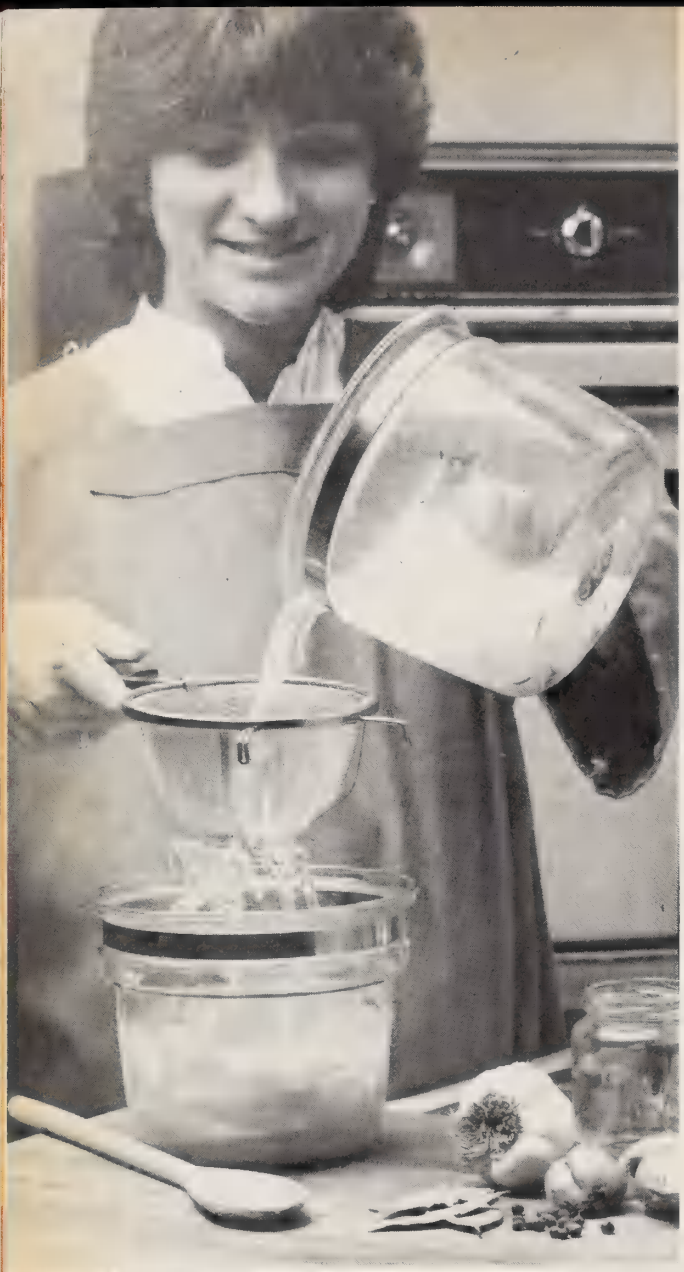
Measure and draw with chalk and a ruler directly onto fabric, or make a pattern (newsprint works well); double-check measurements before cutting. Mark shoulder line on body and sleeve pieces; also mark X's 2½ inches in from underarm seam along shoulder side of sleeve. Cut out pieces with pinking shears. All seam allowances are ½ inch.

With right sides together, place the sleeves on the body piece, matching shoulder marks. Pin, then machine-stitch between X's. Pin and sew underarm sleeve seams; pin and sew side seams, leaving 4-inch openings under the arms and 10-inch openings above the hem. (Some people like to reach keys or other contents of their pockets; if you like, leave a 6-inch opening on one or both side seams just below waist.)

Press seams and openings. Sew ⅛ inch from seam line around openings under arms and above hem (and for pocket access, if made). Sew center back seam and press open.

Press bias hem tape in half lengthwise, raw edges together. Pin tape around front opening, bottom (unless you make hem), and sleeves. To join ends of tape, cut off on bias and sew together. Baste, then sew close to edge of tape.

Make the belt: turn under ½ inch along sides and ends; press. Wrong sides together, fold belt in half lengthwise; pin and sew around all sides close to edge. □



DAVID STUBBS

Pour an infusion *of wine, vinegar, and spices into a paste of dry mustard and water. After cooking to thicken, add desired seasonings, then pour the homemade mustard into jars for gifts. Concentration of the infusion and cooking time determine hotness of each batch*

Hot or mellow, smooth or crunchy, spicy or herby

A mustard to match almost any mouth

GLENN CHRISTIANSEN

It's hard to decide: *San Francisco's Oakville Grocery offers shelf after shelf of mustards*

longer just plain and bright yellow, ıstard has become a high-fashion gro- y item: new flavors, new styles, new s to please a gamut of tastes. Mus- ds from other lands bring distinct aracteristics; other have varied season- s added; still more can be the sophis- ated product of your own kitchen. ce used only as a spread on hot dogs hamburgers, mustard in these newer ms can be used as a flavor element in ces and dressings.

ıstards vary in three major ways: tex- e—smooth to coarse; color—pale low, bright yellow, shades of brown; or—mild to hot, often seasoned with bs, spices, fruits, or vegetables. In market, we counted more than 200 iations, but the predominant choices ge from velvety Dijon-style to a ded German-style to a fiery English te.

on mustards (named for the French) are pungent, smooth, subtly spiced, l tart; they are preferred as the base flavored mustards. The French old- hioned (*ancienne*) mustard is similarly ored, but crunchy with seeds. Ger- n mustards tend to be sweet and y, and smooth or coarse; so do ndinavian mustards. English and inese ones are usually hot.

comparing purchased mustards, we nd an extraordinary range of quality. also found the same type made by erent manufacturers to be startlingly ike. But brands were generally con- ent; if you like the flavor of one mus- d of a given brand, you should like ers made by the same firm.

at makes mustard hot?

stard's hotness comes from the seeds d to make it. Seeds are basically of kinds: white (also called yellow) and ck (also called brown). White seeds e their own character but are not hot. ck seeds create a peppery quality. t's one reason Dijon mustards, made dominantly from black seeds with ls removed, pack a hotter punch than d yellow hot dog mustard made from te seeds.

stard is hottest when it's first made; nellows with time. People who like r mustard hot insist on making it h. Others, who prefer it milder, let stard age before using. Most prepared stards age at least a month before y reach the market.

ating your own mustard

en you make your own mustard, you emulate any quality of purchased stard, or invent flavors, vary textures, control hotness. Though it's unlikely r version will taste exactly like your orite commercial variety—because r access to ingredients and machin- is limited—you can make a very good mustard. You might even prefer it.

Most smooth commercial mustards start with a blend of finely milled seeds. Home cooks must rely on dry mustard (also called mustard flour), a blend of both black and white seeds. Depending on how it's handled, it yields a hot to mild mustard. To release the mustard's full potency and avoid a bitter off flavor, mix powder with cold water first, then let stand.

An infusion of vinegar, wine, and spices adds flavor and dilutes the mustard-water paste. The concentration of this mixture also affects the mustard's pungency. When the infusion is reduced by half, as suggested here, the resulting mustard is medium-hot. But cooking heat and time temper mustard's hotness: if you want a very hot mustard, use a more reduced infusion so the mustard will need less cooking to thicken.

Our two variations add tarragon leaves or green peppercorns to the finished mustard; you could add other herbs to create your own flavors. If you plan to make several batches of mustard for gifts, larger quantities of dry mustard can be found in spice and herb stores.

Recipes for grainy, coarse-seeded mustards are on page 155.

Dijon-style Mustard

Smoothly stir ½ cup cold water into 1 cup dry mustard; let stand at least 10 minutes.

Meanwhile, in a 2- to 3-quart noncorrosive pan, combine 1⅓ cups *each* dry white wine and white wine vinegar; 1 small onion (chopped) or ½ cup chopped shallots; 3 large cloves garlic (pressed or minced); 2 bay leaves; 8 whole allspice; 2 teaspoons *each* salt and sugar; and 1 teaspoon dry tarragon leaves. Boil, uncovered, until reduced by half (or slightly more for a hotter mustard), 15 to 20 minutes.

Pour mixture through a wire strainer into mustard paste, pressing all juices out. Blend and cook, stirring occasionally, in the top of a double boiler over simmering water until as thick as very heavy cream, 10 to 15 minutes (mixture thickens slightly more as it cools). Cool, cover, and chill; store in the refrigerator up to 2 years. Makes about 2 cups.

Tarragon Dijon. Follow directions for Dijon-style Mustard, stirring 2 teaspoons dry tarragon leaves into mustard after cooking.

Green Peppercorn Dijon. Follow directions for Dijon-style Mustard, stirring 2 tablespoons finely chopped green peppercorns into mustard after cooking. □

Homemade *mustards range from velvety Dijon to spicy German. For recipes, look above and turn to page 155*

RUSS A. WIDSTRA

Grimacing fighter pilot *steers jet with knob-topped dowels on control panel. Hand holds cut in biplane's top wing help in turning*

Is it a plane? Is it a scooter? It's our Christmas scooter plane

ıe wild blue yonder of a child's imagi-
tion is the perfect sky for flying these
ɔoter planes. The old-fashioned "tail-
agger" biplane or the sleek jet both roll
three wheels, turning easily in the
nds of pilots up to six years old. Both
:re inspired by a design by Dr. Clois
cClure, who built a squadron of bi-
ınes for the College of San Mateo's
y care center.

ıe parts for the planes are similar: a
selage cut from a 2 by 10; the rest of
ɜ body cut from 1 by 6's, 1 by 4's, or
-inch plywood; and doweling used for
les and detailing. Plan on a day to cut
t and assemble, then several following
enings for painting and decorating.

› cut the curved and angled body and
ngs, use a band saw or saber saw.
ake the straight cuts with a table saw
circular saw. You'll also need an
:ctric drill with a drill guide.

ɔout half the $30 cost of each plane is
its wheels. The two fixed wheels are
ndard 5-inch-diameter lawn mower
ıeels (about $3.50 each). The third
ıeel is a ball-bearing caster at least 3
:hes in diameter. Although these are
dely available, most come with a
ɔunting plate wider than the plane's
dy, and you'll have to add extra wood.
stead, you could order less visible nar-
w plate casters or stem casters with a
cket for wood from caster distributors
›ok in the yellow pages under Casters).

plane Barnstormer materials list

3 feet of 2 by 10 for fuselage
6 feet of 1 by 6 for wings, seat, back, and tail
3 feet of 1 by 4 for wheel top and sides, propeller
13-inch-long 1-inch dowel for axle
five 7-inch-long ⅝-inch dowels for wing struts and joy stick
one round wooden drawer pull for control knob
one 3-inch caster and two 5-inch wheels
three 4-inch-long ⅜-inch lag screws, each with two washers, for mounting wheels and prop

elta X-1 Jet materials list

4 feet of 2 by 10 for fuselage and control panel
10- by 20-inch piece of ¾-inch plywood for the wing
2 feet of 1 by 4 for wheel top and sides
4 feet of 1½-inch closet rod for engines
6-inch-long piece of 1 by 6 for seat
14-inch-long 1-inch dowel for axle
two 5-inch-long pieces of ⅝-inch dowel for joy sticks
two round wooden drawer pulls for control knobs
one 3-inch caster and two 5-inch wheels
two 4-inch-long ⅜-inch lag screws, each with two washers, for mounting wheels

art either plane by cutting out all the
eces. Make the wheel assemblies sep-
ately from the bodies; the axles are
ɔuntersunk ¼ inch into the inside faces
the vertical side pieces. First glue (no
ils) the axle into position, then glue
and nail (with countersunk finishing nails) the sides to the tops. Before mounting the wheel assembly to the wings, drill holes for lag screws through the sides and well into the dowel.

The biplane's wings should be assembled separately. Countersink the holes for the strut dowels ¼ inch into the inside faces of the wing. Glue and nail together before mounting wings to the body.

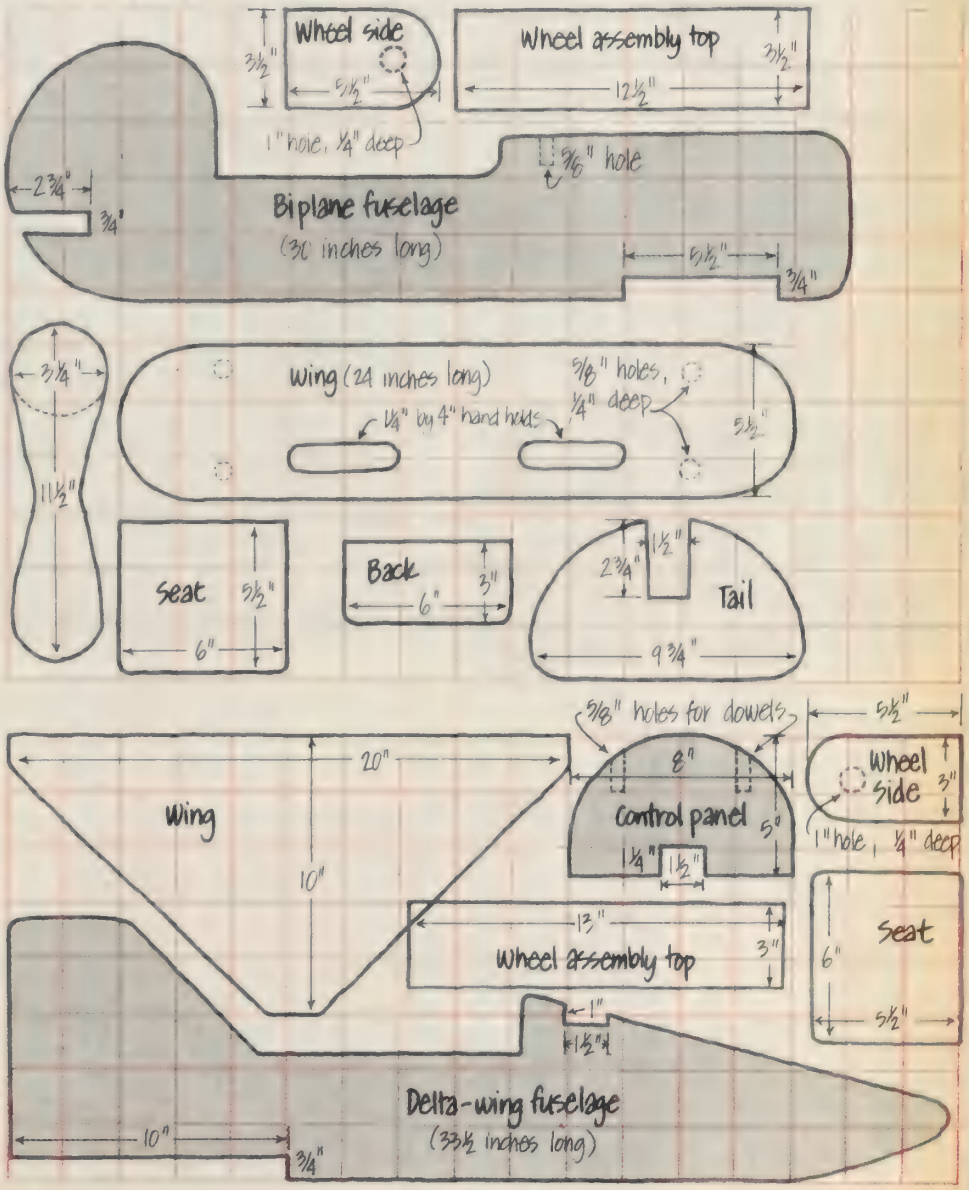
The tail of the biplane should slide snugly into the notch cut into the fuselage. (The control panel for the jet has a similar but not as deep joint.) When the bodies and wings are together, screw on wheel assemblies, nail on seats, and glue in joy sticks (with knobs on top). Cut and nail on jet engine dowels.

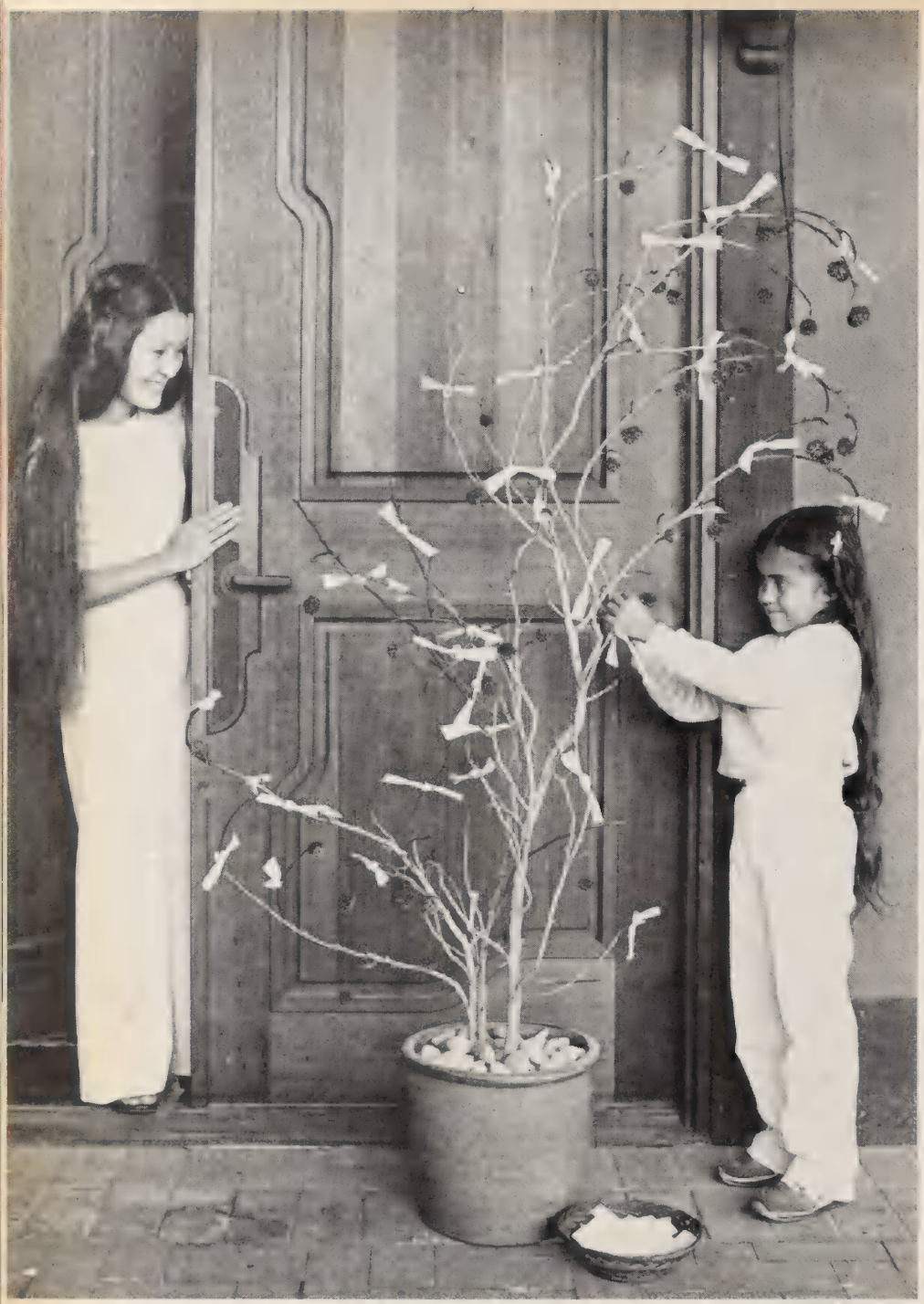
Before adding the wheels, sand, seal, and paint the planes. (We left the propeller natural wood, then lag-screwed it to the front.) Paint your own insignias or buy large decals at some hobby shops. □

PETER O. WHITELEY

Some heavy-duty casters *have wide mounting plates that require extra wood to be added to sides of fuselage*

Gray-toned pieces *for both fuselages and jet's control panel are cut from 2 by 10's. Reproduce patterns on a 2-inch grid*





DARROW M. WATT

Wish tree *combines customs of East and West: Japanese family and guests take white paper "fortunes" from basket and tie them to liquidambar bough before entering. By season's end, limbs are loaded with symbolic ¾- by 6-inch strips. In Japan, the papers bear written fortunes*

Bare branches whipping in the wind or silently outlined in ice or snow are a traditional scene of the holiday season. With or without the appropriate frosty climate, you can re-create those wintry scenes yourself using dormant pruning or other garden discards.

Some branches have such handsome bark and limb structure you may find no additional decoration necessary. Some have intriguing seed pods, lichen, or other natural ornamentation that you may want to retain. Cluster the limbs, clip off any awkward angles, and spray paint or light as needed to create an interesting silhouette.

You may want to decorate simply with white lights, shiny metal, or natural seeds, cones, and pods. Thin, flexible wire used for beading attaches such natural ornaments almost invisibly. Or add fruit, candy, or bright colored paper circles or strips.

Prune first for the health and beauty of the tree or shrub, then select best-looking clippings for decoration. Birch, ginkgo, edible and flowering fruit trees, liquidambar, mulberry, and walnut are among the most handsome. Don't overlook dead or damaged limbs from broad-leaved evergreens—especially citrus, eucalyptus, and magnolias.

Five examples are pictured here. The lemon tree, manzanita branches, and bloom stalk of century plant are part of their owners' annual holiday tradition. The fortune-laden wish tree is made from freshly pruned boughs each year. Visitors seeing the one at left were reminded of other traditions: legends of wild creatures bringing bits of moss to hang upon a tree, and a mission church where children write their good deeds on decorated paper cutouts and fasten them to the tree.

To support branches, wad newspapers in bags around the base or use a tree stand. Then cover with stones or moss. You may want to keep cut ends of spring-flowering trees in water; if the air is warm but not too dry, the branches may surprise you after the holidays with a display of their own.

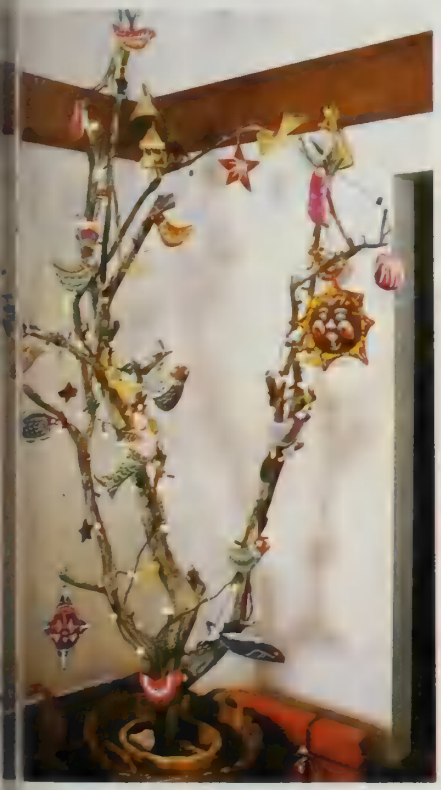
Wish tree, gumdrop tree, "tin" tree... just bare branches from garden pruning

GLENN CHRISTIANSEN

Silvery agave flower stalk *in a bucket twinkles with tin ornaments. Woody and Diana Dike, Laguna Beach*

BILL ROSS

Twiggy manzanita *painted white is secured with clay and stones inside basket. Gumdrops are easy for a child to apply. Jill and Paul West, San Diego*



Lemon tree *gets a second life. Bill and Valerie Davisson, Rolling Hills*

Nubby walnut *prunings bear fan-folded paper circles. Smooth river stones in a bowl hold branches in place*
DARROW M. WATT

Patchwork stars *on festive holiday banner are felt scraps fused onto felt backing with polyamide webbing and a hot iron*

Patchwork banners are quick to make with fabric scraps, iron-on webbing

Bold, geometric shapes adapted from time-honored patchwork motifs decorate holiday banners to hang on a wall, over a fireplace, or by an entry. They're easy and quick to make with bright-colored cotton or felt, iron-on fusible webbing, and fabric or felt scraps. You can use one of the traditional designs shown below or design your own.

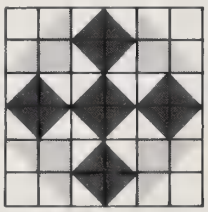
To make a banner, you'll need cotton or felt (2½ yards for the banner pictured at right, or 1½ yards for a shorter banner, including 2½ inches at top and bottom for hem). Use full width of 36- or 45-inch-wide fabric. You'll also need smaller scraps in contrasting colors, fusible polyamide webbing (sold at fabric stores), sharp scissors, a pressing cloth, two 1-inch slats long enough to match fabric width, yarn, and two small screw eyes.

Scale up each different pattern piece on heavy paper; make sure pattern measurements, when doubled or tripled to make full design, equal less than banner width. Trace around each piece on contrasting fabric; cut out as many pieces as needed to make the design. Also cut out fusible webbing to match each design piece.

Arrange design on banner, with pattern pieces carefully placed over webbing. Pin in place. Follow directions at right for fusing patchwork pieces. For best results, work on a large, flat surface such as a cloth-covered countertop or the floor.

To finish, fold banner 2½ inches toward wrong side at top and bottom edges; press. Cut two 1-inch-wide strips of webbing as long as banner width. Lay each strip under hem edge, cover with damp pressing cloth, and iron to fuse.

Insert screw eyes into each end of slats. Push slats through hem channels at top and bottom. Thread yarn for a hanger through screw eyes, then knot ends. □



Sawtooth

Windmill

Friendship Star

Lone Star

Lay fabric pieces *over same-size pieces of webbing. Position carefully to make finished design; pin until ready to fuse*

Tap hot iron *over design covered with damp cloth; remove pins. To fuse, press firmly (don't rub, pieces may move)*

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46 EPA EST. HWY

32 EPA EST. MPG

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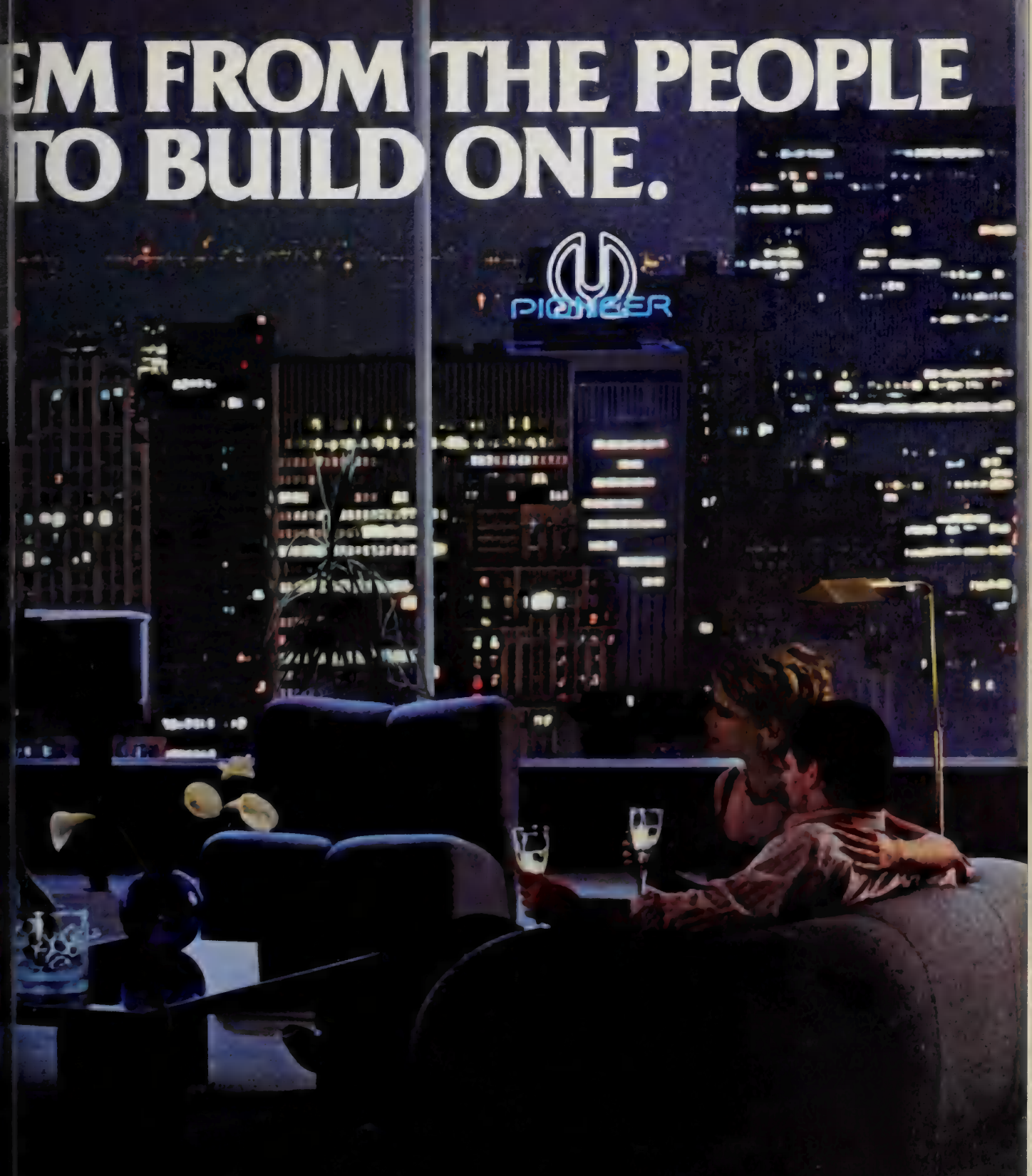

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JERRY FREDRIC

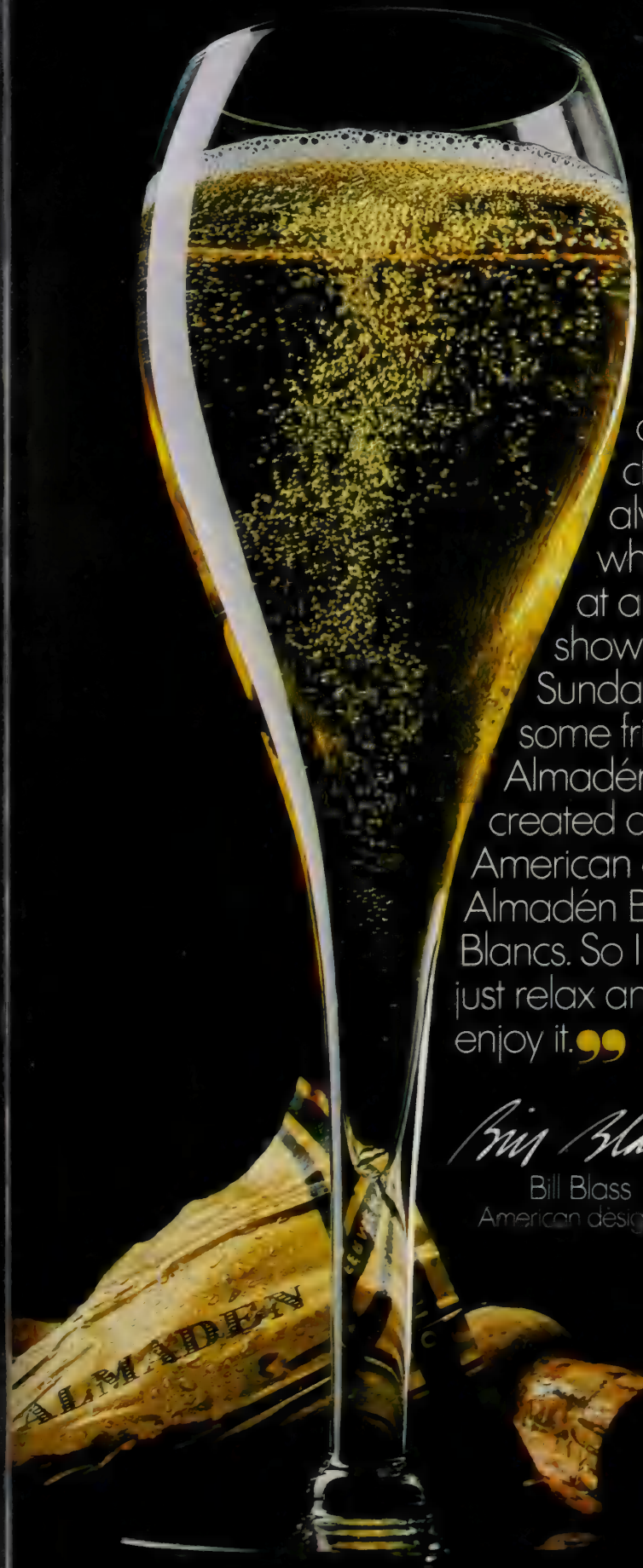
Auntie Helen *is famous for her poker skills, so the photographer set up a game during a family potluck; her "cover photo" appears belo*

The poker aunt, the first grandchild, the proud new parents . . . family picture books capture them all

Much was changing. Several good friends had become parents, and some planned moves out of state. A first grandchild sprouted a tooth, and nobody —including a favorite great-aunt and great-grandmother—was getting younger. So Tom Hennig and Mary Ann Reese decided to photograph family and friends as they were in 1980 and compile

DARROW M. WAT

Portraits with appropriate titles *make up cover of books for each friend or relative. Responses to the books (at left) added memorable Christmas moments*



"If I were to design an outstanding American champagne, I'd design one that had perfect dryness and crispness. A champagne that was always in good taste—whether it was served at a glamorous fashion show or at a quiet Sunday brunch with some friends. Happily, Almadén has already created an outstanding American champagne: Almadén Blanc de Blancs. So I can just relax and enjoy it."

Bill Blass

Bill Blass
American designer

© Almadén Vineyards, Inc. 1981, San José, Calif.

a gift book of portraits for each—to freeze for all a few memories in time.

From November to Christmas, they assembled 20 books—each with 10 to 20 photographs. Portraits of each recipient made up the cover and closing page, with pictures of loved ones in between.

Taking the pictures was the most fun. Both amateurs with a camera, Tom and Mary Ann divvied up friends, spending at least an hour and one roll of 36-exposure black-and-white film with each. Relatives gathered at a potluck dinner. Each brought favorite clothing and props, and even the camera-shy joined in.

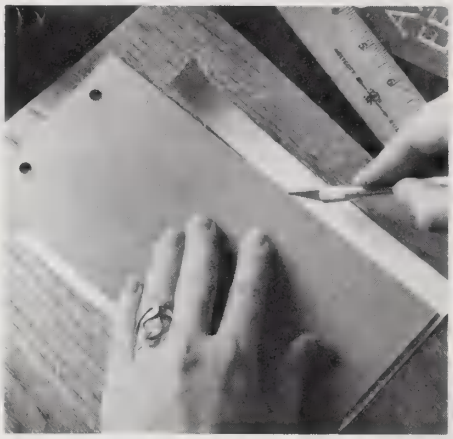
Making 20 books can be expensive. Tom and Mary Ann had access to a darkroom, so photography costs were limited to film, processing, and paper. At a camera store, each 5- by 7-inch picture—mat finish so fingerprints won't show—would cost about $3.50.

To construct the books, they chos single-weight illustration board for dur ability: one 30-inch by 40-inch sheet ($3 makes 24 pages, each 4½ by 8½ inche Pictures were trimmed to 4½ by 7½ inches, leaving a 1-inch tab for rings.

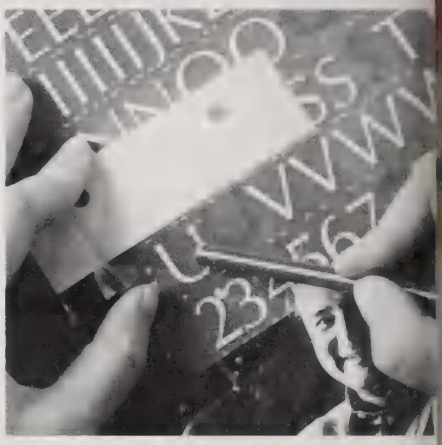
Pictures were secured to pages with two sided contact paper; a 16- by 20-inc sheet ($2.50) attached seven photos Titles made with rub-on letters finishe the books with a professional flair. A ma fixative sprayed over each cover helpe prevent letters from chipping. Binde rings to assemble the books cost abou 25 cents each at stationery stores.

Were the time and effort worth it? Judg for yourself from the responses on gift opening day (below and on page 102).

Book makings *include illustration board, 1-inch binder rings, craft knife, fixative. Paper cutter made uniform pages; holes were drilled at a print shop*



Craft knife *trims off white edge of picture so it fits page; one photograph goes on each side of board*



Finishing touch *is rub-on title; letter sheets come from art supply shop. Fixative will make letters permanent*

One recipient *shares a big laugh at the sight of his photograph*

JERRY FREDRICK

Introducing Sears Best microwave oven with new Speed Key Electronic Controls and 80 Recipe Memory

Besides offering the usual selection of power levels, the new Speed Keys let you instantly set the temperature for many popular dishes. Chicken Kiev for supper? Touch the key next to "Poultry Parts" and the oven is set to the recommended 170°.

Our 80-Recipe Memory can remember times, temperatures and power levels for dozens of your favorite dishes and cook them at a touch of the recipe controls. Other features include temperature probe and Whole Meal Cooking.

Save $100*

Now only **$499.95**

Nov. 27-Dec. 24

...so from the Kenmore Microwave Collection

...ve $100* on this 1.4 cu. ft. ...icrowave with Whole Meal ...ooking—up to 3 dishes ready to ...ve at one time. Model 99721

Now only **$399.95** Nov. 27-Dec. 24

You get 2 power settings including defrost in this 1.4 cu. ft. oven with 25-minute timer, oven light and removable glass tray. Model 99321

Only $299.95

Sears lowest-priced microwave oven has 0.5 cu. ft. capacity, mechanical timer with bell, oven light and see-through window.

Only $199.00 Model 99021

You can count on Sears

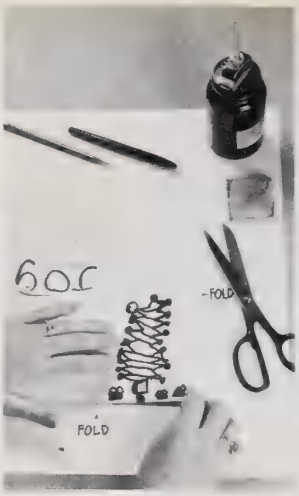
© Sears, Roebuck and Co. 1981

Each of these advertised items is readily available for sale as advertised.

*Minimum savings nationally.
Available in most larger Sears retail stores.
Prices and dates may vary in Alaska and Hawaii.

Young artist and "instant printer" make inexpensive, time-saving cards

Young artist *uses black marker to draw a picture on paper cut to size of card. She lettered a greeting on another sheet*



Mount *completed drawing and greeting onto art board in diagonal quarters sized to envelope*

At the printer's, *artwork gets a final check. Cards will be ready within a week*

Making your own greeting cards can be fun for the whole family, but if you have a long mailing list, the prospect of many evenings spent cutting and pasting can take the fun out of do-it-yourself.

One time-saving alternative is to make one card and have an "instant printer" reproduce it for you. The cost is surprisingly low—$10 to $20 for up to 200 cards, depending on type of paper, color of ink, reductions in size, and trimming. Envelopes and art materials are extra. You can usually get your finished cards back in a few days, but don't procrastinate during the busy holiday season.

Though you can use your own drawings or those of young children, you don't have to be an artist to make a card. We experimented with tracing family photographs using a dark felt-tip pen on thin tracing paper. You can buy books of copyright-free "clip art" that provide reproducible black-and-white drawings.

Homemade cards *use traced photo sketch, clip-art Santa rub-down letters and border. The rub-down greeting could be inside with address on blank outside face*

...and the leftovers were nestle
Tupperware containers.

Tis the night after Christmas dinner and what a lot of goodies are left. Fortunately, Tupperware containers lock in freshness in all kinds of shapes and all kinds of sizes—to help keep everything deliciously fresh.

And so you won't miss all those special moments the holidays bring, use Tupperware products to prepare and store your favorite treats ahead of time.

Come to a Tupperware Party soon, and see the newest, freshest ideas for storing, preparing and serving food.

We lock in freshness.
Tupperware®
A Division of Dart Industries Inc.

Have your own Tupperware Party by February 6, 1982, and you could receive this special hostess gift—a Kodak Partyflash instant camera with built-in electronic flash. Phone Tupperware—in the white pages—for details.

PETER O. WHITELEY

Voilà! *Proud creator displays a completed card that she folded with a little parental help*

Combine these with hand-written messages or ones made with commercially available rub-down letters. (There are even intricate borders in rub-down sheets and in some clip-art books.)

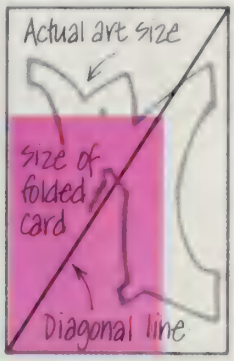
Your artwork must be done in black and white. Light colors and shading cannot be reproduced in this process. The effect of shading is possible if you use lines, cross-hatching, or dots that you can draw or find in the form of rub-down patterns.

Preparing artwork for the printer

One printer advises that you find an envelope first and work backward to determine the size of your artwork. This means that the art must be scaled to fit inside your envelope either folded in halves or quarters.

To keep down the cost, we designed our cards for one-sided printing on 8½- by 11-inch paper. To make printing appear on the front of the card and its inside, we laid out the artwork so it would fold into quarters. The front was in the lower right corner, and the inside message upside-down in the diagonally opposite corner. Experiment with scrap paper before positioning your art.

It's easiest to make your card art actual size, but your original drawing might not fit the size of envelope you have chosen. The sketch below shows how to scale the art to fit, so the printer can make reductions or enlargements.



To make sure *oversize artwork will reduce to fit envelope, draw a diagonal line as shown. (The larger rectangle is in proportion to size of folded card)*

Mark the dimensions of your artwork with short lines outside the actual border. The printer will use these as reference points for scaling the card to the size you want.

If you want to center your printing, write or rub down the letters line by line onto separate pieces of white paper, find the center point of each line, then position them in the center of the message area. Mark the lines and the artwork with light blue "nonphoto" pencil; the printer's camera will not pick up this color. Keep your original artwork clean and erase all other pencil lines. □

DAVID STUBBS

Array of spices *fills doors and center compartment of wall-hung cherry cabinet. Hinged doors have finger pulls routed in bottom*

For the best pops

...moms, brothers, nieces and friends.

Presto® PopCornNow® continuous hot air popper is the gift everyone wants.

Because it's Presto PopCornNow, you pop as much or as little as you want... without stopping or measuring.

Just pour popcorn into special self-feeding bin.

Because it's Presto PopCornNow, you can have hot buttered popcorn automatically if you wish. ButterWell® melter butters as it pops.

Popped corn is crisp, light and nutritious without extra calories because kernels explode with hot air, not hot oil.

Because it's Presto PopCornNow, it has all the features everyone wants in a hot air popper.

PRESTO®

...innovation to make it first quality that makes it last and last®

©1981 by NATIONAL PRESTO INDUSTRIES, INC.
Eau Claire, Wisconsin 54701

Also available in Canada

Wall-hung cabinet just for spices

Finding enough shelf space for all the spices and herbs used by a serious cook is a challenge in the largest of kitchens. In the cramped quarters of Don Gerber's Oakland kitchen, it was virtually impossible, so he designed a special wall-hung cabinet just for them.

With its doors closed, the 25-inch-high cabinet is just 20 inches wide. When the two 3-inch-deep doors open on their brass-plated piano hinges, its width doubles. Inside, adjustable shelves slide into dadoed grooves in the frame of the doors and center storage area.

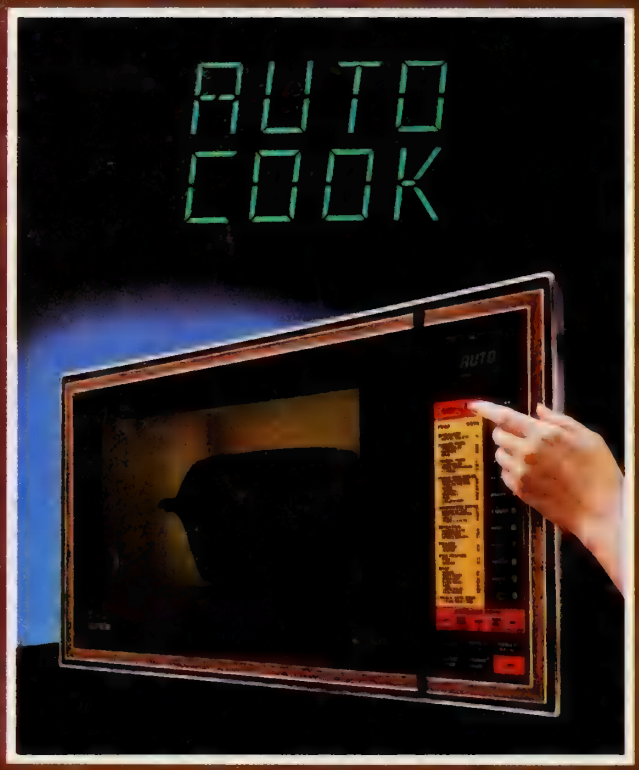
The entire cabinet is made of cherry, ¾ inch thick for the doors and frame and ¼ inch thick for the shelves and their front lips. It mounts to the wall with expansion bolts, but screws into wall studs would also work.

Builder Peter Downey of Berkeley's Gatorworks finished the cabinet with several coats of plastic oil sealer rubbed in with fine steel wool. □

Shelves slip *into ¼-inch-deep grooves on inside faces of frame*

DESIGNS YOU THOUGHT YOU COULD ONLY FIND IN SHEETS.
SOLIDS THAT ARE EVERYTHING BUT PLAIN.
AT MARTEX®, WE MAKE AN ART OUT OF GETTING YOU DRY.
West Point Pepperell

Litton found a way to simplify microwave cooking.



The Litton Auto-Cook microwave oven is so easy, it makes you a microwave expert. Even on the first try.

Just touch a button. The display panel asks a few simple questions. Like what you're cooking. And how much you're cooking. And how you'd like it done.

Then Auto-Cook calculates cooking time and temperature. It even reminds you if you should cover a dish. Or stir it.

So if you want great results without a great fuss, Litton's got a simple answer: Auto-Cook.

Nobody knows more about microwave cooking than

LITTON

© 1981 Litton Systems, Inc.

Roominess, good lighting, and a chop-block island that moves

"We wanted a kitchen that would hold a lot of people," declared Joan and Leonard Silverman. So they asked architect Carl Day of Santa Monica, California, to enlarge and simplify their older home's kitchen.

Day obliged with an open plan, generous counter space, and a roll-around chopping block unit that stores a good deal of baking paraphernalia within its neat cabinetry. The Silvermans use it mostly in the middle of the floor, but sometimes push it against a nearby counter to increase space during bread-making sessions. When the kitchen is crowded, the unit can be pushed into the corner.

Another of the Silvermans' concerns was light: they wanted lots of it. A window was enlarged and popped out into the garden to accommodate a narrow sloping skylight and deep counter space. Much of the ceiling was given over to recessed, diffused lighting neatly framed by oak molding.

Cabinets are faced in oak, and each is

RICHARD FISH

Movable *butcher-block island adds work space without sacrificing elbowroom for family and guests*

'eep pull-out shelves *under range 'ive easy access to pots and pans*

esigned to hold specific utensils or food-uffs. A foot beneath the ceiling, a wide ak shelf circles the room to display rized cookware, and there's more open helving above the stove. (A powerful an minimizes grease buildup on these igh shelves.)

)ak strip flooring also enhances the dec-rative contrasts between wood, white valls, and functional steel surfaces and ppliances.

Microwave, gas cooktop, and ovens are ll against one wall, with a food prepa-ation sink close by at the window. Dish-vasher and dish sink are just out of ight in the photograph above (in the ight foreground); they're contained in countertop unit that doubles as a pass-hrough to the dining room. □

This Litton Quality Control Expert uses a very sophisticated microwave testing device.

A meat loaf.

Terri Van Valkenburg is a Litton home economist. And a very important member of our quality control team.

She and other home economists put our ovens to the ultimate quality check: they cook with them. In development of our amazing Auto-Cook™ oven, for example, they cooked over 6,000 dishes.

Including 300 meat loaves.

It's all to make sure every Litton oven and every Litton feature works as well in practice as in theory.

So when you buy a Litton, you can be sure it will pass the test in your kitchen.

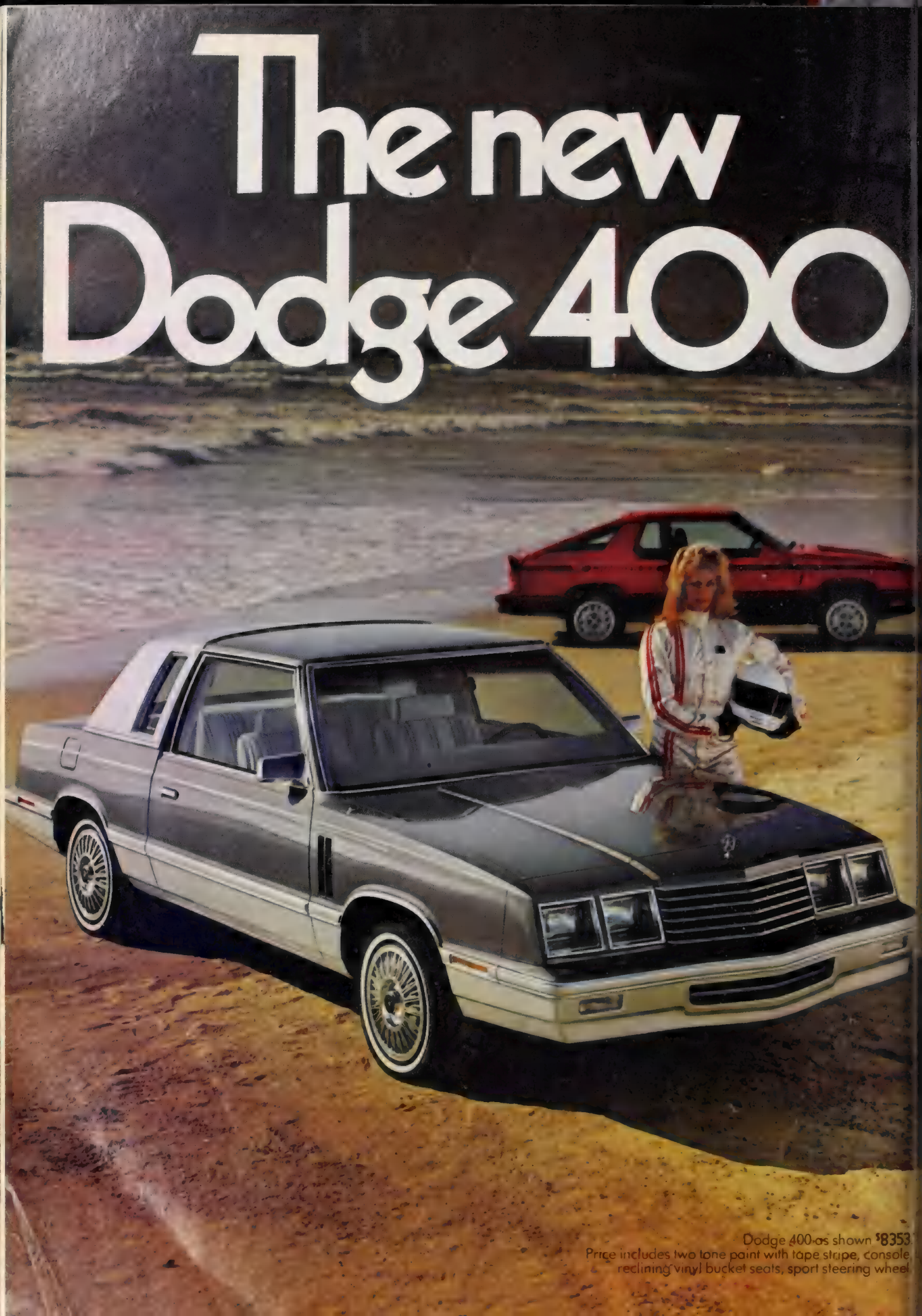
Because Terri put it to the test in ours.

Nobody knows more about microwave cooking than

LITTON

© 1981 Litton Systems, Inc.

The new Dodge 400



Dodge 400 as shown $8353.
Price includes two tone paint with tape stripe, console, reclining vinyl bucket seats, sport steering wheel.

A newly created driving machine introduces performance and high mileage to the world of personal luxury.

Dodge 400 is a driving machine that has been shaped to slice the wind... it is aerodynamically designed.

Dodge 400 is a driving machine that will pull you through tight turns with marvelous precision and control... it has front-wheel-drive and rack-and-pinion steering.

Dodge 400 is a driving machine that is capable of delivering 40 estimated highway miles on a single gallon of gas*... it has an Electronic Fuel Control System.

Dodge 400 is a superbly built machine that has recaptured "the thrill of the drive"... in the form of a new personal luxury car.

Advanced technology, remarkable performance separate it from ordinary personal luxury cars.

Today most competitive personal luxury cars are still content with yesterday's technology... still content to be "pushed around" by rear-wheel-drive...

Well, not Dodge 400.

Dodge 400 is engineered with advanced front-wheel-drive, teamed with rack-and-pinion steering and MacPherson struts.

The result: Precise handling. Quick response. Tight cornering. And remarkable stability.

Slip into the luxury of a Dodge 400 cockpit and you'll discover driving rewards not possible in ordinary personal luxury cars. Strong crosswinds won't bully you. Vicious hairpin turns need not be hair raising experiences, but swift, cool responses. The simple truth is, we designed Dodge 400 to satisfy one very human passion... Driving!

And we've done our job well.

That's why we say, Dodge 400 is no ordinary personal luxury car, but a personal driving machine.

40 EST HWY | **26** EPA EST MPG*

Extraordinary mileage for a personal luxury car.

At the heart of the Dodge 400 engine is an Electronic Fuel Control System that monitors engine functions and adjusts the timing of spark plug firings and the mixture of air and fuel for optimum mileage efficiency.

Dodge 400. A quality machine.

Dodge 400's are built and assembled in one of the most technologically advanced plants in the world. Robots perform 98% of all the welds on every new 400 body to insure maximum body strength.

Electronic consoles monitor 37 different engine functions with 66 individual computer tests.

And with the creation of the new Dodge Quality Assurance Center, every third Dodge 400, selected at random, is checked and double-checked for quality after final assembly.

Dodge 400, not outrageously priced for a personal driving machine. $8043.**

Dodge 400's base sticker price includes an impressive list of standard features. A spacious cockpit, with room and comfort for 5.

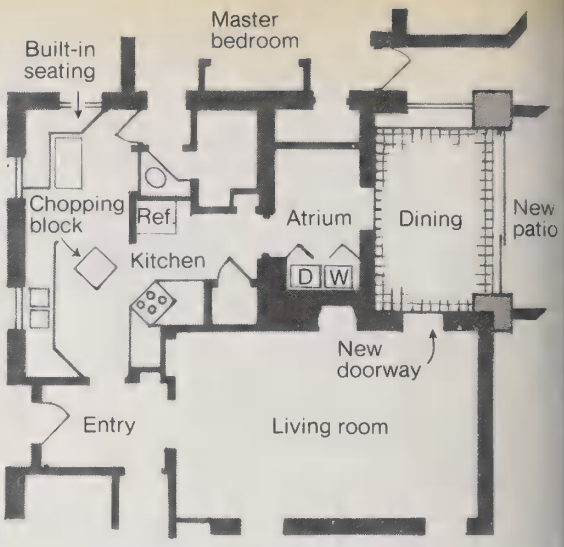
A 2-spoke wheel. An electronic digital clock. Power steering. Power front disc brakes. Padded Landau vinyl roof. Options†: Leather and vinyl reclining bucket seats. Cornering lamps. Sun roof. Tilt steering column. Power windows. Cast aluminum road wheels. Buy or lease this magnificent machine at your Dodge dealer.

America's Personal Driving Machine

*Use 26 EPA est. mpg for comparison. Your mileage may vary depending on speed, weather and trip length. Actual highway mileage will probably be lower. Calif. est. lower.
**Sticker price excludes taxes and destination charges. †Some options may require the purchase of additional optional equipment.

NORMAN A. PLATE

Roll-around chopping block *has shielded knife rack. New cabinetry angles out to define breakfast area, where corner seat is built in*



Remodeling *added angled cabinetry, new dining room. Before, breakfast area had no built-in seating, only counter was by sink, atrium was open to sky*

Kitchen reorganized . . . with new open dining next door

The big gains from this Tucson remodel? A reorganized kitchen that looks better and works better; a passageway and laundry-storage area created by roofing over an existing atrium; and a brand-new dining room, adjacent to the now-enclosed atrium.

Owner-architect Kirby Lockard managed to retain almost all the existing walls. In the kitchen, he shifted appliances around to more convenient locations, adding ingeniously designed cabinets such as the open corner arrangement you see in the photograph directly below and the step-back cabinets over the range in the adjacent picture. To add more counter space, he set the range at an angle and ran new counters off each side. And instead of flanking the sink with straight counters, he angled them out into the room and picked up more cabinet space. This arrangement created a cozy alcove at one end of the kitchen for a built-in breakfast area.

The dining room is all new. Built off the atrium, it utilizes two existing house walls. It opens to garden space, to the enclosed atrium-passage, and also to the living room (here, an existing window was replaced by a doorway).

Once open to the sky, the atrium now has a roof rising 4 feet above that of the dining-room addition. A clerestory window set between these two roof levels brings daylight into the space below. □

New dining room *opens to patio at right, passageway at left. Brick-topped wall of former atrium (left) is now ledge for plants*

Range is flanked *by angled, counter-topped cupboards. Upper cabinets also angle, allowing headroom for the cook*

Corner-cabinet treatment *provides a spot for phone, shelves for display and storage, rows of pegs for hanging coffee mugs*

No one colors Christmas like Kodak. In an instant.

f all the seasons in the year, there's one with the wondrous color of Christmas. And of all the gifts in the world, there's none that lets you capture these colorful moments and share them like a Kodak Colorburst instant camera.

There's no present like a Kodak instant.

You can choose a Kodak Colorburst instant camera with a built-in electronic flash. You can choose one with a built-in closeup lens. And, of course, they all use Kodak instant color film to let you catch instant pictures that are sharp, rich, and vivid.

Kodak Colorburst instant cameras.

This Christmas, give a Kodak Colorburst instant camera. It's the gift that gives. The gift that shares. And isn't that what Christmas is all about?

The gift of instant joy.

Eastman Kodak Company, 1981

DAVID STU

A pair *of two-burner cooktops drops into tile counter to spread out the work area. Good old wooden "pilot" matches help to save gas. Clear pot rack, mounted above, casts no shadow*

Everything's on the front burner

Remodeling the kitchen of a client who really likes to cook, Portland architect Don Vallister specified a pair of professional restaurant cooktops—each with two burners. A durable tile counter separates them, leaving plenty of room for one or two chefs. This arrangement has the additional merit of putting everything on a front burner.

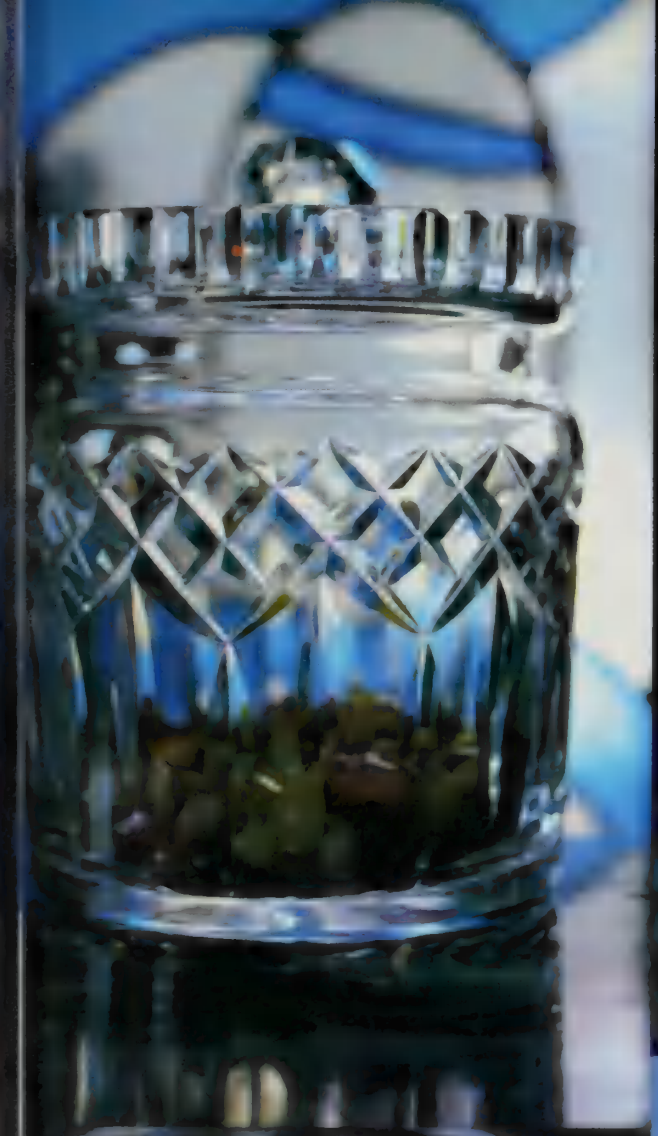
Above the burners, owner Hal Carey's favorite pots hang from a single 6-foot-long rack, consisting of a clear acrylic shelf and aluminum brackets and hooks (sold in cookware stores). Jars on the counter and a drawer between the stoves hold cooking utensils. Attached to the back wall is an industrial-type multi-outlet strip for small appliances.

The commercial stove units are designed to sit on short metal legs which straddle a removable grease tray. To disguise these lower sections and make them blend with the rest of the kitchen, Vallister faced the trays with a vertical-grain Douglas fir veneer that matches the other cabinets. □

Quarter-round molding *frames utility strip for plug-in appliances*

Pull-out grease trays *are masked with ¼-inch fir plywood to match cabinet*

SUNS

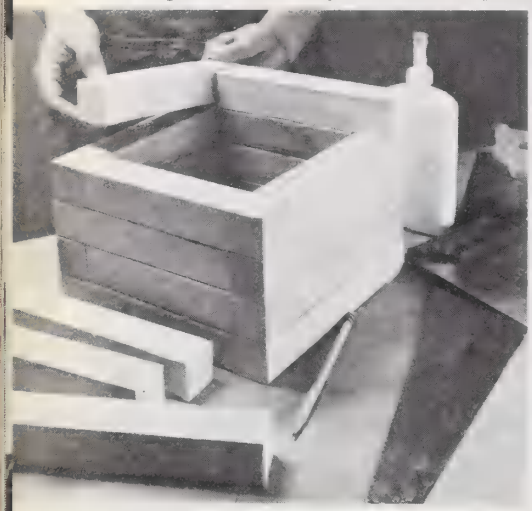


photos Pesin

Waterford® Won't Spill The Beans.

The reigning passion. Jellybeans under glass.
Legendary glass by Waterford. Give it to the executive
you adore. Indulge him. Or her.

Pot jackets *are open-ended stacks of fir 2 by 2's. Smaller 8-inch-long ones stack 4 tiers tall for 6-inch pot, 7 tiers tall for 1-gallon can. Longer 13-inch 2 by 2's stack 9 tiers tall for 5-gallon cans. They're all glued together*



GLENN CHRISTIANSE

Handsome plant boxes, firewood box . . . just glued stacks of 2 by 2's

America's newest push-button food processor!

Now you can slice, chop, shred, mix, grate and grind in seconds—*at the touch of a button!* And do them all with 6 precise speeds! Just push a button, and Hamilton Beach gives you the speed that's just right for the job. From extra-slow for slicing mushrooms to super-fast for grinding meat.

6 push-buttons make every job fast, easy!

The new Hamilton Beach push-button food processor makes every job push-button fast, push-button easy. This is one gift they'll love you for, 365 days a year.

HAMILTON BEACH Scovill

New ideas. Old-fashioned quality.

icky, **finger-jointed boxes** these are t; they're just glued stacks of 2 by 2's.

ere we present two laminating projects; e possibilities for other uses of this chnique are limitless. You'll need only saw, glue, and possibly a hammer and me 2½-inch (8d) finishing nails.

ild the planter sleeves as shown at left d coat with a transparent wood prervative. Use them to display plants in eir nursery cans or pots before they're t into the ground or discarded.

e 2 by 2's of the firewood box are ed at touching faces and nailed at the rners. Handles are formed by leaving t the third 2 by 2 from the top on cing sides. Feet are also 2 by 2's. The x bottom is a pair of 30-inch-long 1 by 's; you could use plywood instead.

op around for the redwood and fir 2 2's; the price could range from 15 nts to $1 per foot. You could also rip by 4 studs—often available at sale ices—in half to make the 2 by 2's. □

Firewood box *alternates strips of fir and redwood. Longer redwood pieces are 19 and 30 inches, fir pieces are 16 and 27 inches*

We took the oil –and toil– out of popcorn!

With the new improved Popaire 2™ ot air popper from Hamilton Beach.

There's nothing like hot, fluffy popcorn! And nothing akes it faster—or easier—than the new Popaire 2 hot air pper! It pops without oil! So ere's no messy clean-up and extra calories! (Only 23 lories per cup!)

Removable butter warmer for hot-buttered popcorn!

And once the Popaire 2 arts popping, it pops without op! You get 4 quarts of light--air popcorn in 5 minutes. nd you can enjoy it with or ithout butter—because the paire 2 comes with its own ilt-in butter warmer.

The Popaire 2 makes a great gift for popcorn lovers of all es. If you prefer a self-buttering popper, there's the origil Hamilton Beach Butter-Up® Popper. . . the grandpopper them all! They're both available at your favorite store.

HAMILTON BEACH Scovill

New ideas. Old-fashioned quality.

The Vintage Years

FROM THE CHRISTIAN BROTHERS® OF CALIFORNIA

1979 Napa Valley Pineau de la Loire. This Estate Bottled white wine from The Christian Brothers has long been acclaimed for its luscious varietal character and flavor, reminiscent of fresh, ripe fruit. Our 1979 Pineau de la Loire is made entirely from grapes, also called Chenin Blanc, grown in our Napa Valley vineyards, patiently fermented between 40°F and 50°F for almost six months. Its flavor and richness are ready to be savored now, while it is young and fresh. We invite you to enjoy our 1979 Pineau de la Loire.

Brother Timothy F.S.C.
Cellarmaster

WORLDWIDE DISTRIBUTORS: FROMM AND SICHEL, INC., SAN FRANCISCO, CALIFORNIA, U.S.A.

DAVID STUBB

Hinged countertop *holds pots within easy reach of kitchen sink. When the extension isn't needed, it swings down out of the way (below). Wood plugs cover screws holding hardwood strip*

Piano hinge extends counter

A fold-out counter extends work space in Ann and Phil Murphy's kitchen. Originally, the L-shaped counter stopped abruptly at the edge of the sink. Architect Susan Bragstad of Sausalito, California, simply connected an extra 20- by 24-inch section of countertop to the end using a piano hinge; it's supported by a swing-out wooden brace.

The counter is made of cherry (highly varnished to prevent water marks) to match the kitchen's other surfaces. The Murphys stack pots and dishes on the extension where they wait for washing in the sink.

RCA INTRODUCES COLORTRAK TV FOR PEOPLE WHO AREN'T BIG TV FANS.

NOW YOU CAN GET COLORTRAK PERFORMANCE IN TWO NEW SMALL-SCREEN SIZES.

They're the smallest ColorTraks we've ever made–just 9 inches and 13 inches, measured diagonally. But with the kind of clear, sharp picture ColorTrak is famous for. Inside every small-screen ColorTrak, automatic systems constantly monitor and adjust the color, keeping it right from program to program and channel to channel. Keeping fleshtones looking natural and lifelike. Even adjusting picture brightness to compensate for changes in room light.

And with all this advanced technology, you also get advanced styling. So a small ColorTrak not only fits anywhere, it fits in anywhere.

If you've thought of buying a small color TV, but haven't been impressed with the ones you've seen–take a look at what's new from RCA. After all, even though you're not a big TV fan, you still deserve a ColorTrak.

RCA

We'll Open Your Eyes.

From JCPenney. A Lane® chest for memories dear enough to keep.

At $50 to $100 savings.

A personal place for the things she treasures most. Her bridal veil. A hand-made heirloom quilt. Delicate trousseau lingerie. Her favorite Irish lace tablecloth. To keep her treasures safe, a chest that's a treasure in itself. Every Lane cedar chest is a showpiece designed and crafted in the tradition of fine furniture. Hand-rubbed cabinet wood veneers. Cedar lined and airtight to protect against moths and dust.

"Nostalgia"
Reg. $449 **Sale $349**

"Ridgewood"
Reg. $449 **Sale $349**

"Oakridge"
Reg. $449 **Sale $349**

"Riviera"
Reg. $449 **Sale $349**

"Pinewood"
Reg. $449 **Sale $349**

Inglewood
Reg. $259 **Sale $209**

Of course you can charge it

Lane® accent furniture. Because quality is never out of fashion.
At $30 to $100 savings.
Something really special for the holidays. A gift that will become a family treasure. Built of the finest selected hardwoods. Executed in superb, hand-rubbed veneers and appointed with elegant metal handles and accents. Fine furniture that you and your family will enjoy and display with pride for years to come.
Console and mirror
Reg. $499 Sale $399
Oriental console
Reg. $499 Sale $399
Traditional console
Reg. $499 Sale $399
York river desk
Reg. $499 Sale $399
Matching chair
Reg. $299 Sale $269
Oriental small chest
Reg. $299 Sale $269
Traditional chest
Reg. $499 Sale $399
Traditional small chest
Reg. $299 Sale $269
Trunk style small chest
Reg. $299 Sale $269
Oriental chest
Reg. $499 Sale $399
JCPenney
THE CHRISTMAS PLACE™
Available at most larger JCPenney stores with furniture departments. Prices slightly higher in Alaska and Hawaii. Sale prices effective Sunday, November 22 thru Saturday, December 19. Not available outside normal delivery area. Small charge for delivery within normal delivery area. Phone your JCPenney store for details.

Paper ornaments start with accordion folds ... dove, flower, leaf, butterfly

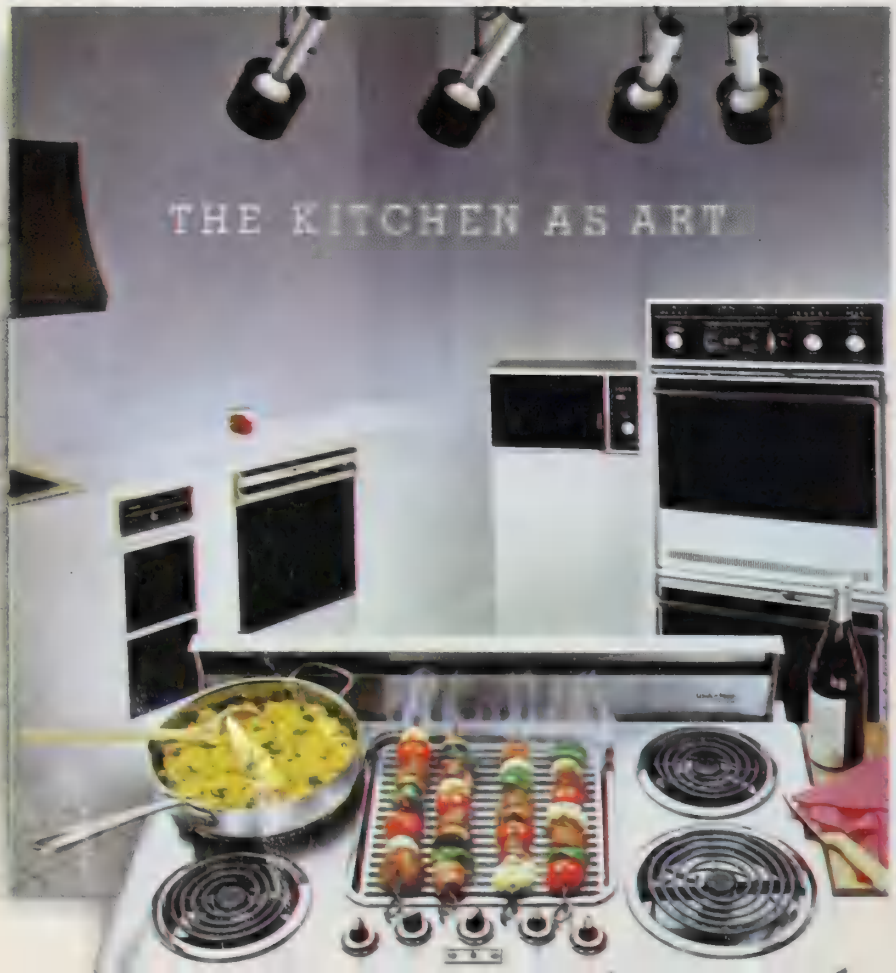
TERI SANDISON
Light and shadow *emphasize accordion folds of paper flower, leaf, butterflies, and dove hung as ornaments on a Christmas tree*

Paper folding is an art in the Orient, where it's usually associated with holidays and gift-giving. The ornaments pictured here are easy-to-make adaptations that take their inspiration from nature. All of them involve folding paper like an accordion.

Quality construction papers, available in art stores in a variety of colors, are most durable, but you can also use lighter-weight gold or silver foil papers that will shimmer near Christmas tree lights.

The flower, leaf, and butterflies each start with a 4- by 9-inch paper rectangle; you'll need to make a pattern for the dove. You'll also need yarn or gold string, glue, hole punch or needle, and pipe cleaners for the butterflies.

Follow directions at right for making the ornaments. To finish, punch a hole at top of flower or leaf with hole pun or needle; attach yarn or gold string f hanging. On dove, poke two holes abo 1 inch apart on body fold between wing add string. Attach string to center ti on butterflies.



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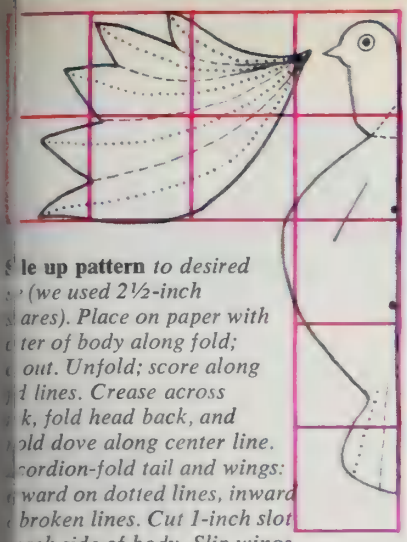
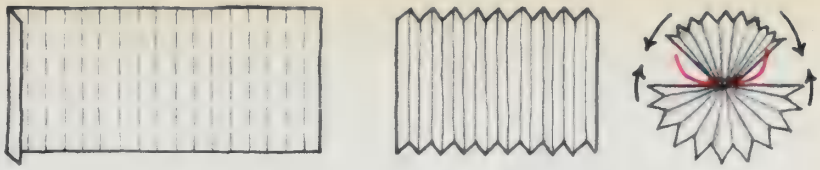
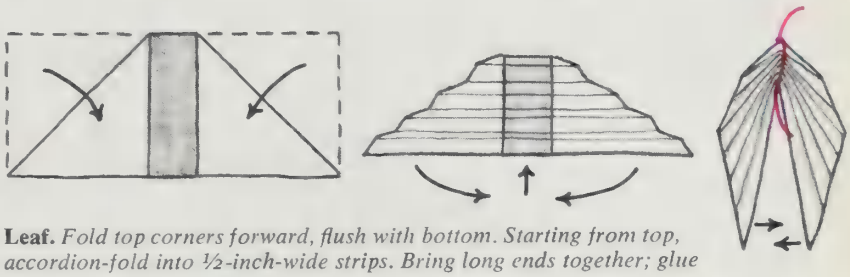


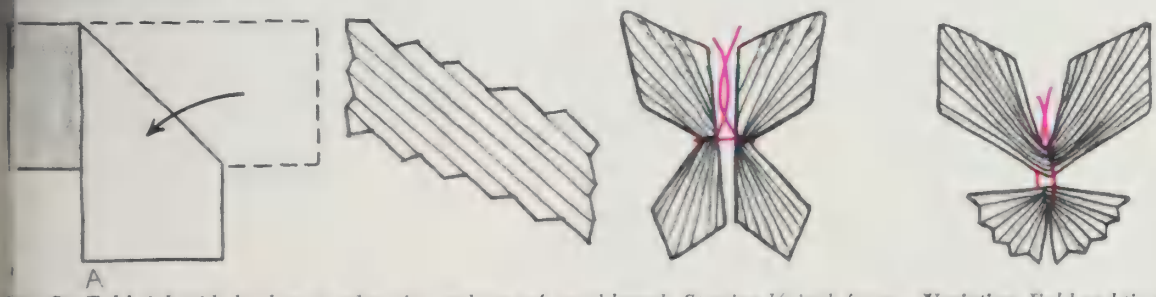
le up pattern *to desired (we used 2½-inch ares). Place on paper with ter of body along fold; out. Unfold; score along l lines. Crease across k, fold head back, and old dove along center line. cordion-fold tail and wings: ward on dotted lines, inward broken lines. Cut 1-inch slot each side of body. Slip wings slots; tape on inside to secure*



Flower. *Starting at one end, accordion-fold into ½-inch-wide strips. Press folds together at center; tie with string or yarn. Fan out each half; glue ends*



Leaf. *Fold top corners forward, flush with bottom. Starting from top, accordion-fold into ½-inch-wide strips. Bring long ends together; glue*



tterfly. *Fold right side back so overhanging ends are of equal length. Starting ½ inch from gonal fold, accordion-fold side A, then turn over and repeat on side B. Compress folds; tie ow center. Repeat. Tie two sets of wings together with a pipe cleaner; bend wings out*

Variation. *Fold and tie one piece of paper as at left. Fold and tie second piece as for flower (top). Tie both together; fan out folds*

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RUSSELL ABRAHAM

Facing stove, *cook gets clear view of trees outside*

DON NORMA

Under-cabinet windows *brighten exterior-wall work counters*

Views for the cook and dishwasher

Backsplash-level windows get natural light onto the work surfaces in these two kitchens. They brighten the rooms, and they open the cook's quarters with a view outdoors. It takes some work to keep them clean, but both homeowners think the result is worth it.

San Francisco architects Dommer and Byars placed windows behind the stove in Jetta and Cor Van Leeuwen's Oakland kitchen (left). A vent fan above the glass helps divert greasy smoke and steam.

Seattle architects Paul Chelminiak an William Dennis Hayden put windows b hind the sink in Nancy and Dick Knapp kitchen (right). Fluorescent lights unde cabinets reflect in the glass, giving th wall a three-dimensional quality.

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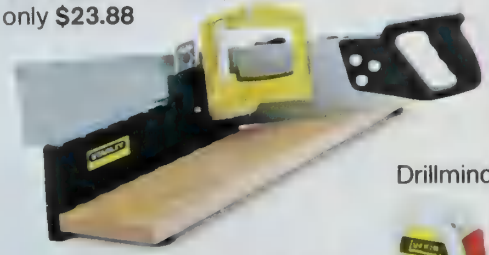

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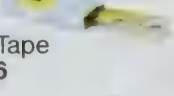

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When you're ready to do-it-yourself.

SENTRY Hardware

Check the Yellow Pages under Hardware for the SENTRY store nearest you
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Merchandise shown in this advertisement is available from participating dealers only. Offer expires December 31, 1981. All Sentry dealers own their own stores. They select their merchandise and set their own prices. There may be variations in products, available quantities and prices in individual stores.

Give the phone that doesn't look a day under 70.

Talk about a great gift. The Country Junction* telephone is a new gift idea with an old-fashioned ring. It's made with the latest Bell technology inside. Outside, it's built like one of Bell's earliest phones.

The Country Junction telephone was inspired by Bell's 1913 wall phone. The case and receiver are solid oak. The cord is braided cloth. We even make the metal parts with an antique nickel finish, to look like the original. And Western Electric makes the inside parts with genuine Bell quality.

The Country Junction telephone makes a great gift. It gives a real antique look to practically any room in the home. Buy one for the holidays at your Bell PhoneCenter Store.

The Country Junction telephone by Western Electric.

IT'S FOR YOU

*Trademark of AT&T

Buick Skylark. It just might be the best-disguised economy car in America.

We find that we must continually re-emphasize the economical aspects of our very popular Skylark.

That may not be romantic, but it seems necessary. After all, Skylark's other attributes are so obvious. It exudes refinement, elegance. And the reality is even nicer than our picture. (Power steering and power brakes, for example, are standard equipment.)

On the other hand, Skylark's economical nature doesn't show through anywhere. That's because we keep it hidden discreetly under the hood. (Just peruse the numbers in the box.)

41	EST. HWY.	26	EPA EST. MPG

Use estimated MPG for comparison. Your mileage may differ depending on speed, distance, weather. Actual highway mileage lower.

Some Buicks are equipped with engines produced by other GM Divisions, subsidiaries, or affiliated companies worldwide. See your Buick dealer for details.

BUICK

Wouldn't you really rather have a Buick?

JOHN MILLER

de-open shed *stores two rows of od. Gutter protects wood from runoff*

Roofed and raised firewood storage

e blustery, wet winters of northwest egon make storing firewood a prob- n. You need good overhead protec- n and air circulation to keep wood y. For Salem resident John Miller, o heats much of his house with a od-burning stove, it's important to ve a reliable way of protecting his od. So he built this open-air shed on e leeward side of his house, just a few ps from the stove inside.

e shed's roof is one sheet of ¾-inch ywood, covered with roofing felt and mposition shingles. The slatted floor d walls are rough-sawn cedar 2 by 4's th spaces between so air can circulate roughout the woodpile. Concrete ocks support the floor. The roof load carried by a 2-by-4 ledger lag-screwed the house and by a 2-by-6 header anning the front 4-by-4 posts, which st on concrete piers. □

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Caviar Pie Romanoff

Combine 6 hard-cooked eggs, chopped, with 3 tbs. mayonnaise. Spread evenly in a well-greased 8" spring-form pan. Sprinkle with 1-1/2 cups onion, minced. Soften 8 oz. cream cheese and blend with 2/3 cup sour cream until smooth. Spread over onion with wet spatula. Cover; chill 3 hours or overnight. Before serving, top with 3-1/2 - 4 oz. Romanoff Lumpfish Caviar and spread to pan edges. Run knife around sides, loosen spring-form and lift off. Garnish with lemon wedges and parsley sprigs. Serves 10 - 12.

For Free "Caviar Way of Life" Recipes,
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"Back to the Barn" ... or you design your own game

Make-your-own *game board is plastic decorated with felt-pen drawings*

First horse *back to the central barn wins the race game here*

Children have been racing around pachisi boards for years, gleefully rolling fives or mournfully watching their tokens sent home. Here is a similar race game children can make themselves, at very low cost. You draw the basic game pattern in black on tablecloth plastic, then fill in with drawings of your choice.

The game we show might be called "Back to the Barn," since toy horses are the tokens. Other versions could be based on race cars, space men, or dolls.

To make a fold-up game "board," you'll need to purchase a large square of fabric-backed plastic (ours measures 27 inches); both felt- and woven-backed plastic are available at variety stores for about $3 a yard. You'll also need to buy one black and four different-colored permanent felt-tipped pens (ink won't smear if you let it dry before touching), four tokens, and one die.

Copy the pattern shown in the photograph onto the back side of plastic. Col each corner "home" area a differe color, and use the same color to fill each "entry" square five spaces to th right. Decorate the remaining squar with pictures in keeping with your them

The purpose of the game is to move to kens counterclockwise around the perim eter and up the "home" track until on player gets to the center space. Move are determined by rolling the die. Yo must roll the exact number to move t the center and win. If a player lands o an occupied square, he can send th opponent's token back to start over.

To make a rigid game board that wi lie perfectly flat, you could draw on tw cardboard rectangles taped together o one side at the seam.

Your hand should look as contemporary as the rest of you.

You can't really put your best foot forward if your hand is behind the times. Which is why we've created our stylish new line of TRZ ballpoints and pencils.

TRZ™ pens have fashionably sleek lines and come in the year's most chic colors and materials. Yet they go for the most unfashionably low prices ($5–$15).

This not only makes them a perfect gift. It proves that you don't have to be well-heeled to keep your hand well-dressed.

SHEAFFER.

TEXTRON

With Les Pensées Cristal giftware it's better to give than receive. Almost.

cristal d'arques

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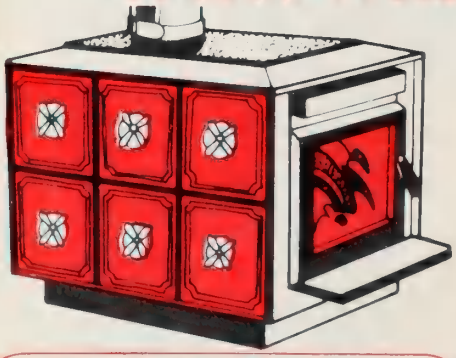
Decorate your house with warmth!



KENT
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Ceramic sides!
At last – fashion in a freestander. Tile sides actually interchange. To start, select from optional range of stylish neutrals. Change tiles later to blend with any colour/decor/mood.

Wood-saver!
Makes wood a work-saver, cost-saver *economy* fuel. Unique high-efficiency burning system burns carbon-rich gases as well as wood. It's so thorough *half* the wood goes *twice as far.*

The Tile Fire

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DARROW M. WAT

Cutouts—*bird, bell, star, and tree—highlight Christmas photographs*

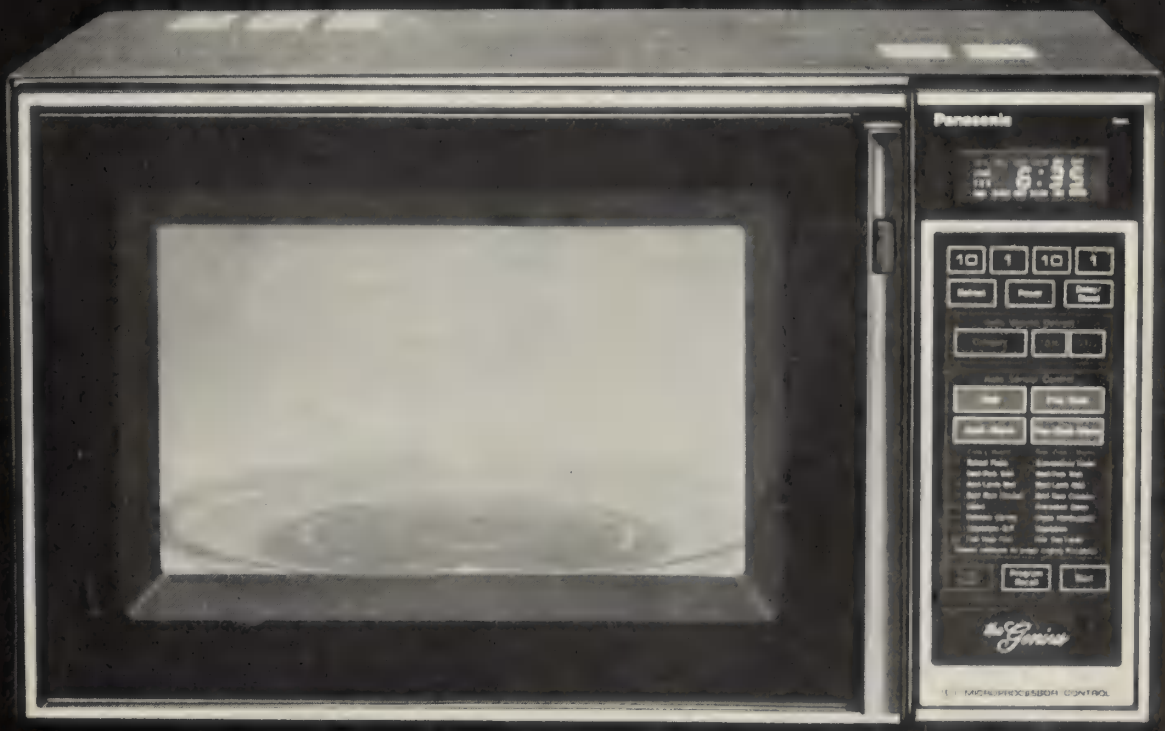
Cooky cutter cut-out cards

A smiling face tucked inside a Christmas car is one of this season's pleasures. To give a peek at what's to come, these homemade picture cards have front-page cutouts simply made by tracing around a cooky cutter.

We used colorful paper and envelopes (available by the pound at better stationery stores) and foil stars for decoration. For standard 3½- by 5-inch pictures, you'll want at least 6- by 9-inch paper.

Fold the paper in half and position the picture on top. Place the cooky cutter over the part you want to show through and carefully pull the photograph out from under. Trace around the cutter, then cut out shape with embroidery or fingernail scissors or a craft knife. Glue the picture inside with a glue stick. ▫

"My Panasonic Genius™ microwave oven with Auto Sensor and Cook-A-Round™ Turntable lets me beat Henri at his own game."



Henri's goose is cooked. Even a French chef can't compete with a genius. He can't compete with me, Reggie Jackson, or my Panasonic Genius microwave oven. It's the only microwave oven with both an Auto Sensor Control and Cook-A-Round Turntable. All Henri has is an ordinary microwave oven. Poor Henri!

With just one setting, the Genius Auto Sensor can defrost, cook and keep food warm, automatically. Henri has to reset his oven for each step. What a waste of time.

And whether I'm cooking "Reggie Roast," or "Chicken à la Jackson," the Auto Sensor Control makes sure it comes out perfectly. And I don't have to use a temperature probe. Henri has to insert a probe and then make complicated calculations to cook. Too bad, Henri!

What really stacks the odds against Henri is how evenly the Genius cooks food. Its magnetic Cook-A-Round Turntable constantly rotates the food while it cooks. Henri has to rotate the food by hand. And handle hot foods.

Really, anyone can beat Henri at his own game. All it takes is a genius. A Genius microwave oven from Panasonic.

Panasonic.
just slightly ahead of our time.

The Taste of the Holidays

During the holidays, the kitchen is the heart of our Sonoma Valley home. Here, the marriage of wine and food fills the air with wonderful aromas and memories of vintages past.
This year, I have asked my mother, Sylvia, and my wife, Vicki to share some of their holiday recipes with our friends.
If you will drop me a note at the address below, I will be happy to send these to you.

From my family to your family . . . Buon Natale!

Sam J. Sebastiani

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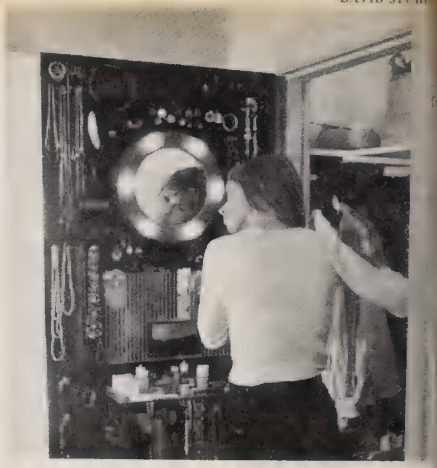
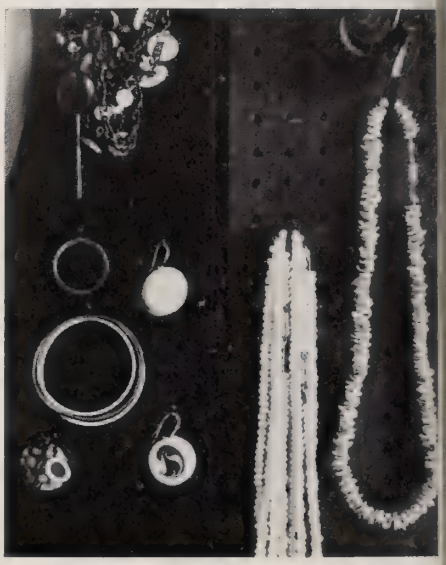
DAVID STUBB





Accessories *hang on pegs and pins on this functional closet door*

Jewelry, mirror on closet door

This grooming center on the inside of Bonnie Burns' closet door makes dressing easier, and it disappears from sight when the door is closed. Jewelry, belts, and make-up all fit together in the well-organized space.

At eye level, designer Peter Witte of Albany, California, installed a mirror framed with fir and surrounded by six 15-watt make-up lights that are wired with the other closet lights.

Around the mirror, a glued-on rectangle of velvet-covered foam acts as a pincushion to hold earrings and other small baubles. At waist level, two small plastic trays hold cosmetics, and below that belts and sashes hang on pegs. Holes drilled in the hardboard-faced hollow-core door receive adjustable pegs for organizing necklaces and bracelets. To drill the holes, Witte first clamped on a piece of predrilled pegboard as a template. □

Fine French crystal you can afford to enjoy.

Patterns begin at $6 a stem. Shown, St. Maxime.
Catalogue upon request.
Write: J.G.Durand, Millville, N.J.08332

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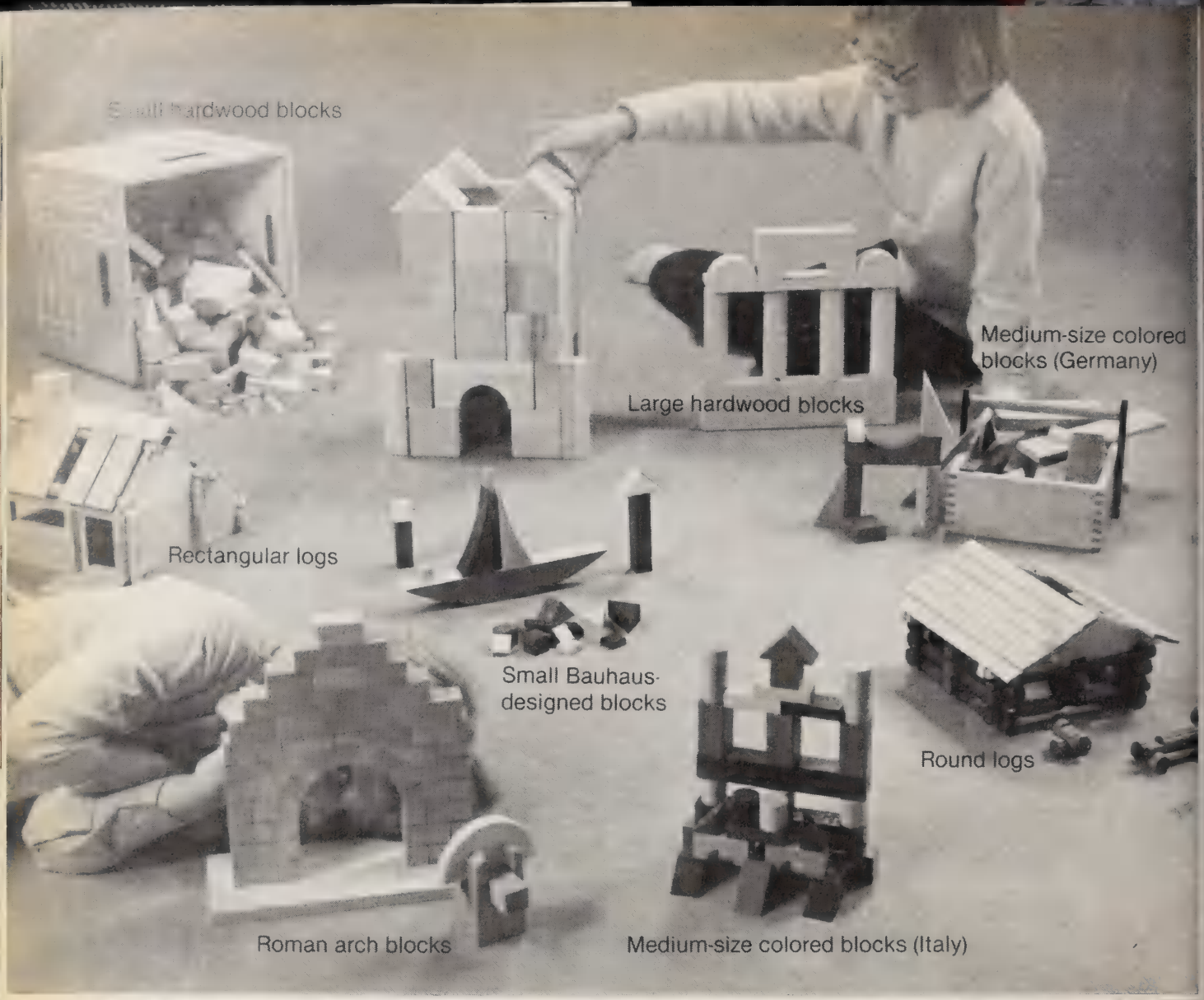

DAVID STUBBS

Christmas blockade: *here is a selection of wooden blocks for building houses, castles, colonnades, cabins, boats, and even a Roman arch*

Blocks for the young builder

What kinds of wooden blocks are on the market this year? We checked in Los Angeles, Seattle, and the San Francisco Bay Area for representative sets, since similar products are made by several companies, as well as a few unique ones. Here's our list:

Unfinished hardwood blocks. Cut into geometric shapes, sanded smooth, and sturdy enough to stack easily, the larger blocks by C. B. S. Toys (formerly Creative Playthings) are appropriate for nursery and kindergarten-age builders; about 100 pieces, $40 at major department and toy stores.

Smaller-scaled Geo Blocks, by McGraw Hill Book Co., are designed specifically for use in the classroom—kindergarten through elementary school. Manual dexterity is required. The large number of possible constructions helps stimulate interest in volume relationships; 330 pieces, about $50, available only through McGraw Hill's Western Regional Office, 8171 Redwood Highway, Novato, Calif. 94947; (415) 897-5232.

Colored blocks. These are usually small-scaled geometric blocks finished in bright primary colors. Designed for early elementary school ages, blocks of this type require some manual dexterity. The German set, by Eichhorn, contains long, slim blocks; 44 pieces, $25. The Italian blocks, by Bero-Giocolegno, are shorter and chunkier; 34 pieces, $12. These imports or similar sets are sold at major department and toy stores.

Logs. Lincoln Logs by Playskool are rounded, notched logs that fit together to make cabins and forts; sets cost $8 and up, at most toy stores.

Bildem Blocks, rectangular hardwood logs, are notched to allow for the construction of sturdy houses; 180 pieces, $30, only from Beck Enterprises, Box 11114, Oakland 94611; (415) 547-6327.

Specialty blocks. We saw two distinctive sets for older children and adults. The very small colored blocks were designed in Germany at the Bauhaus—the famous modern art and architecture school—with curved shapes, for forming abstract boats, bridges, or animals; by Naef, 21 pieces, $25. Not for very young children, these require eye-hand coordination and are small enough to be swallowed.

The Roman arch set's precise blocks fit together to illustrate the principle of the arch; by Montessori, 39 pieces, $45.50.

We found both of these rather sophisticated sets only at Nienhuis Montessori, 320 Pioneer Way, Mountain View, Calif. 94041; (415) 964-2735. □

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DAVID STUBBS

Roll up *the canvas shades and this fireplace bay becomes an airy reading room. Seat covers lift up to reach storage*

Nice and warm in the window seat

A hearth with a view dominates the living room of this house at Stinson Beach, designed by architect Susan Bragstad of Sausalito, California. It's a broad, light-filled window bay with a wood-burning stove flanked by built-in seats. Above, exposed beams accentuate the ceiling's 9-foot height and add to the sense of openness. The 19-foot-long horizontal window grid and clean fir detailing give this alcove a Japanese look.

The 3- by 6-foot seats are covered with foam pads: in a pinch they can double as small-scale beds for overnight guests. Under each pad, a plywood lid hinges open to reveal storage for bedding. □

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PETER O. WHITELEY

Four screws *through bottom shelf of cabinet hold rack securely in place*

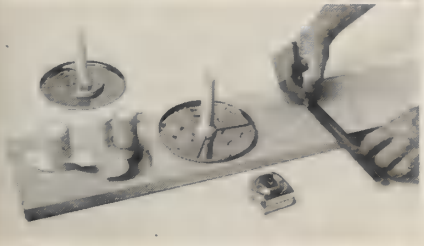
Food processor blades in hiding

Virtually out of sight, this 2⅛-inch-deep rack holds all the blades for a food processor. It screws to the underside of any wall-mounted kitchen cabinet.

Designed by Richard Stein of Walnut Creek, California, the simple wooden rack is made from a piece of 1-by-8 pine, although you could substitute any wood to match your cabinetry. The length depends on the number of blades your processor has. Determine how much wood you'll need by laying all the blades in a row with at least ½ inch between them, then buy a board at least 5 inches longer to allow wood for the ends.

Cut the two end pieces to about 2⅛ inches wide (or wider if your blades require it), then position the blades on the board as shown below. Center them, mark their positions, and measure the width of their shafts. Drill holes for each blade in the center of the board, using a drill bit ⅛ inch wider than the shaft, then cut same-size grooves in from one side so blades can slide easily in and out. Glue and screw on the end pieces, then sand and seal. □

TERI SANDISON



Lay out blades *to determine length. Use trysquare to mark grooves for blade shafts*

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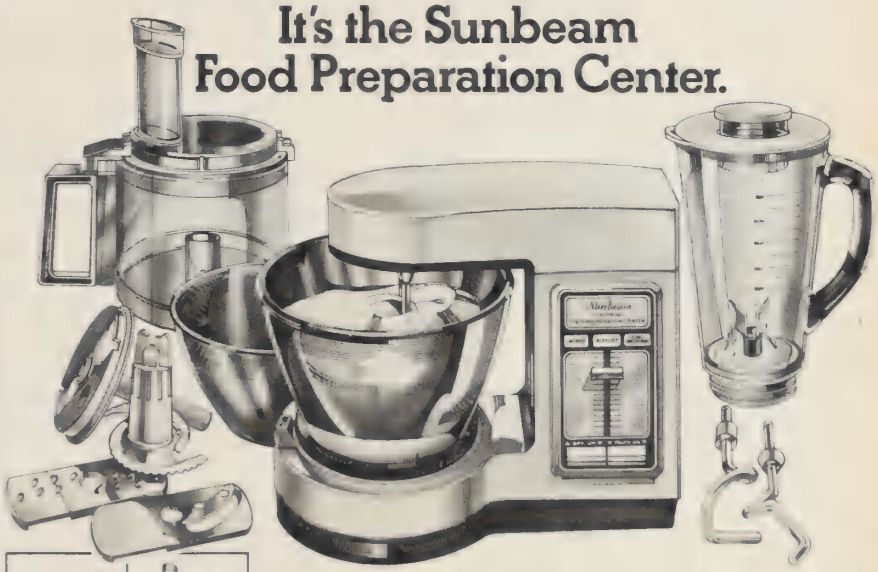

With its heavy duty 450-watt motor, the Sunbeam Food Preparation Center can do the work of many appliances ...but it takes the space of only one! It's a blender for everything from drinks to dips. It's a breadmaker that can knead up to 3 one-lb. loaves of bread. It's a food processor to chop, grate and slice. And it's our famous Mixmaster Mixer. You could call it the ultimate electronic food preparation system. Because it is.

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SUNSET Magazine, P.O. Box 2447
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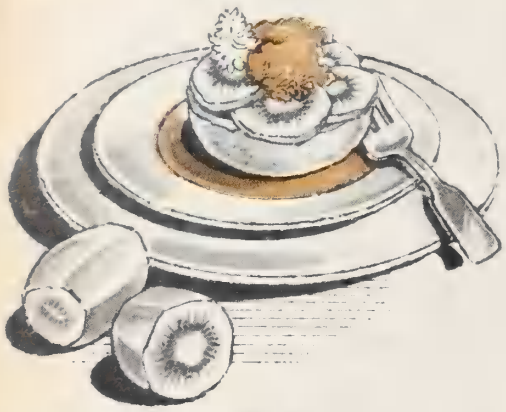
Sunset's Kitchen Cabinet®

December's produce is showcased this month. As a first course for a company dinner, offer a combination of handsome slices of navel oranges and emerald kiwis. Snowy cauliflower makes the crunchy base for a main dish salad—a good candidate for potluck or light supper. In the cri son cream pie, raw cranberries co tribute color and tang.

Other recipes suited for cool weath include a mild green chili stew, a n



Top citrus cups with kiwi slices and tuft of shredded carrot for colorful salad

Navel Orange and Kiwi Salad

This refreshing first course can be served two ways: in orange halves, or as slices on individual plates.

- 2 medium-size carrots, shredded
- ¼ cup orange juice
- 2 or 3 kiwis, peeled
- 3 large navel oranges
- Parsley sprigs
- ½ cup unflavored yogurt (optional)

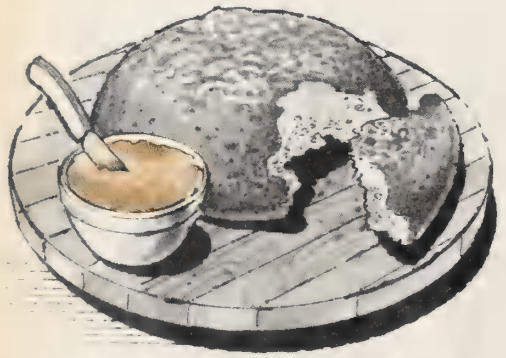
Combine carrot and orange juice.

Thinly slice each kiwi crosswise to make 12 pieces. If using 2 kiwi, cut slices in half crosswise.

To serve in citrus shells, cut oranges in half crosswise. With a grapefruit knife, cut around segments to free fruit from membrane, but leave fr in place. Arrange ⅙ of the kiwi slic overlapping, atop each orange ha Spoon ⅙ of the carrot mixture on center of each and garnish with pa ley sprigs.

To serve on individual plates, cut p and membrane from oranges and c fruit crosswise into thin slices. Alte nate ⅙ of the orange slices and ⅙ the kiwi slices on each of 6 individu salad plates. Spoon equal portions the carrot mixture on each servi and garnish with parsley sprigs.

If desired, offer yogurt to add to ea salad. Serves 6.—*G. K., Los Angel*



Break this crusty, cheese-flavored whole-wheat bread into hearty chunks

Parmesan Cheese Batter Bread

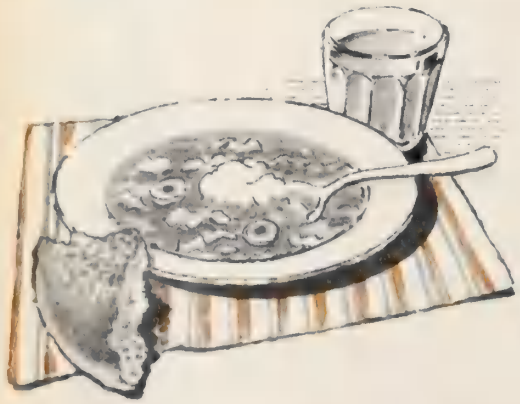
Hearty flavor, simple shape, and little work make this batter loaf appealing.

- 1 package active dry yeast
- 1 cup warm (110°) water
- ½ cup (¼ lb.) butter or margarine, melted and cooled
- ¼ cup sugar
- ½ teaspoon salt
- 1 egg
- ¾ cup unprocessed bran
- 1½ cups (5 oz.) freshly shredded Parmesan cheese
- 1½ cups all-purpose flour
- 1½ cups whole-wheat flour

In a large bowl, mix yeast with water and let stand about 5 minutes. Add butter, sugar, salt, egg, bran, and 1¼ cups of the cheese; beat until blende Mix in all-purpose and whole-whe flour until thoroughly moisten Cover and let stand in a warm pla until doubled in size, about 2 hours.

Punch dough to expel air. Scrape o onto a well-floured board, knead ju to form a smooth ball. Place, smoo side up, on a greased, rimless, 14- 17-inch baking sheet. Cover with pla tic wrap and let rise in a warm pla until puffy, about 45 minutes.

Sprinkle remaining cheese on to Bake in a 375° oven until dark golde 25 to 30 minutes. Serve hot or col Makes 1 loaf.—*B. W., Portland.*



Serve beet borscht, topped with yogurt, with chunks of our cheese-bran bread

Winter Vegetable Borscht

A touch of honey gives an intriguing sweetness to this winter soup. For best color, make it a day ahead; cooked beets reabsorb color on standing.

- 1¾ to 2 pounds beets, peeled and diced
- 3 cups *each* sliced carrots, chopped onion, and sliced celery
- 3 quarts regular-strength beef broth
- 1½ cups dry red wine
- 1 can (6 oz.) tomato paste
- ¼ cup honey
- 4 cups coarsely shredded red cabbage
- Salt and pepper
- Sour cream or unflavored yogurt

In an 8- to 10-quart kettle, combi beets, carrots, onion, celery, be broth, wine, tomato paste, and hone Cover and bring to a boil over hi heat; reduce heat and simmer un beets are very tender when pierce about 1½ hours.

Add cabbage, cover, and simmer f 15 to 20 minutes. Add salt and pepp to taste. (At this point, you can co cover, and refrigerate the soup as lo as 2 days; reheat to boiling.)

To serve, ladle soup into bowls a top each portion with a spoonful sour cream or yogurt. Makes 8 to servings.—*N. M., Seattle.*

nead, tear-apart bran bread, and orscht. Consider the bread and orscht as partners for a winter's eve.

end your favorite recipes to *Sunset Magazine*, Menlo Park, Calif. 94025. Ve pay $25 for each recipe published.

Snowy cauliflower, crimson cranberries, kiwis and oranges, green chili stew

Bacon and Cauliflower Salad

An abundance of crisply cooked bacon with raw cauliflower makes this salad a main dish for lunch or first course for dinner.

- 1 pound sliced bacon
- 1 medium-size (about 1¼ lbs.) cauliflower
- 1 small red onion, finely chopped
- Dressing (recipe follows)
- Pepper
- Lettuce leaves
- 3 cups shredded iceberg lettuce

In a 10- to 12-inch frying pan, cook about ½ of the bacon slices at a time over medium heat until crisp; drain cooked slices on paper towels. When cool, crumble and set aside.

Break cauliflower into flowerets and slice thinly. Mix with onion, ½ of the bacon, and dressing; add pepper to taste. (At this point you can cover and refrigerate overnight.)

Line a salad bowl with lettuce leaves and mound shredded lettuce onto center. Top with cauliflower mixture, then remaining bacon. Serves 4 to 6. —*B. H., Dana Point, Calif.*

Dressing. Stir together 1 cup mayonnaise, 3 tablespoons lemon juice, 1 tablespoon *each* prepared mustard and dry basil, and ⅛ teaspoon ground nutmeg.

Thinly slice cauliflowerets and combine them with crumbled bacon and lettuce

Green Chili Stew

Pork butt is an economical choice for this flavorful chili stew; it's a good buffer for winter's chill.

- 2½ pounds boneless pork butt
- 2 cans (14½ oz. *each*) regular-strength chicken or beef broth
- 1 can (16 oz.) tomatoes
- 2 large (7 oz. *each*) cans diced green chilies
- 1 teaspoon ground cumin
- ¼ teaspoon *each* crushed red pepper and pepper
- ½ cup water
- ¼ cup all-purpose flour
- Fresh coriander (cilantro) sprigs

Trim excess fat off pork and discard. Cut meat into 1-inch cubes. In a 4- to 6-quart kettle, evenly brown pork over medium-high to high heat, stirring as needed. Add broth, tomatoes and their liquid (break up tomatoes with a spoon), chilies, cumin, red pepper, and pepper. Cover and bring to a boil over high heat; reduce heat and simmer until pork is very tender when pierced, about 1½ hours. (At this point you can cool, cover, and refrigerate up to 2 days; reheat to boiling.)

Blend water with flour and stir into pork mixture. Cook, stirring, over high heat until mixture thickens. Garnish with coriander. Makes 6 servings. —*J. M., Beulah, Colo.*

Accompany this mild green chili and pork stew with buttered flour tortillas

Fresh Cranberry Cream Pie

Use a favorite pie crust recipe or a mix to make your pie shell.

- 1 envelope unflavored gelatin
- ¼ cup water
- 1 small orange, skin and white membrane cut off
- 2 cups cranberries, fresh or frozen
- 2 tablespoons grated orange peel
- ¾ cup sugar
- 1 teaspoon vanilla
- ¼ cup chopped pecans or walnuts
- ¼ cup egg whites
- ½ cup whipping cream
- Baked 9-inch pie shell

In a small pan, sprinkle gelatin over water and let stand until soft. Over medium heat, stir just to dissolve.

Cut orange into chunks and combine with cranberries in a food processor; whirl until coarsely chopped. (Or force through a food mill fitted with a medium blade.) Put in a bowl with grated peel, ½ cup of the sugar, vanilla, nuts, and gelatin mixture.

Whip egg whites until they form soft peaks; add remaining ¼ cup sugar and beat until stiff. Fold into cranberry mixture. Whip cream until it forms soft peaks. Fold into cranberry mixture. Pour into pie shell and chill until firm, at least 4 hours. Serve, or cover lightly and chill overnight. Serves 6 to 8.—*K. L., Arcadia, Calif.*

Grind cranberries with orange, then fold into whipped cream and meringue

Simmer dinners

With slow cooking, thrifty beef brisket (corned or fresh) becomes fork-tender . . . just right for a chilly winter evening

Long, slow simmering of beef brisket converts this boneless, relatively economical cut to fork-tender succulence, producing a flavorful broth in the process. Here are two hearty simmered dinners—one using corned beef brisket, the other fresh. Both are ideal for entertaining on a chill winter's eve.

The first is corned brisket with white beans, cooked in a mellow tomato and vegetable stock to make a thick stew. Serve generous portions with a crusty loaf of rye bread and a green salad.

The second dish can be served in two courses or as one. Serve the rich broth as a soup before or with the meat. The brisket and vegetables are presented with a trio of toppings: a smooth cottage cheese and chive sauce, horseradish, and sweet shredded apple.

Corned Beef Simmered with White Beans

- 1 pound dried small white beans
- 5- to 6-pound lean corned beef brisket
- Water
- 2 tablespoons *each* salad oil and butter or margarine
- 1 large onion, chopped
- 2 large carrots, chopped
- 2 large leeks (tender green and white parts only), washed well and chopped
- 2 cloves garlic, minced or pressed
- ¼ cup chopped parsley
- 2 cans (6 oz. *each*) tomato paste
- 1 teaspoon *each* dry rosemary, thyme leaves, and dry mustard
- 1 bay leaf
- ½ teaspoon pepper

Sort beans; rinse and drain well. Set aside. Trim and discard excess fat from meat. In a 10- to 12-quart kettle over high heat, place meat, cover generously with water, and bring to a boil. Boil for 2 minutes, then drain, discarding water. Repeat step one more time.

Meanwhile, combine oil and butter in a 10- to 12-inch frying pan over medium heat. Add onion, carrots, leeks, garlic, and parsley. Cook, stirring often, for 10 to 12 minutes. Spoon vegetables into kettle. Add 2½ quarts water, tomato paste, rosemary, thyme, mustard, bay, and pepper. Stir in beans. Bring to a boil, reduce heat, and simmer, covered, until meat is very tender when pierced and beans mash readily, about 3½ to 4 hours.

(If done ahead, cool, cover, and chill. Lift off any solidified fat; simmer meat in sauce on medium heat until hot, about 25 minutes.)

Lift out meat and cut into chunks. Skim fat from sauce. Spoon out 1½ cups beans and some sauce; purée or mash well, then stir back into kettle. Return meat to kettle. Serve in wide soup bowls. Makes 10 to 12 servings.

Brisket with chunks *of tender corned beef and white beans in a savory broth, simmered dinner makes a warm, filling meal*

Simmered Brisket and Vegetables

- 5- to 6-pound lean fresh beef brisket
- 3 medium-size carrots, sliced
- 2 medium-size turnips, diced
- 1 large onion, chopped
- 3 to 4 pounds beef soup bones, sawed into 3- to 4-inch pieces
- ⅔ cup chopped parsley
- 2½ quarts water
- 3 beef bouillon cubes
- 2 bay leaves
- 1½ teaspoons *each* dry rosemary and thyme leaves
- ½ teaspoon whole black peppers
- 10 to 12 small red thin-skinned potatoes, well scrubbed
- 1½ pounds green beans, ends snapped off
- 2 'Golden Delicious' apples
- 2 tablespoons white wine vinegar
- Chive sauce (recipe follows)
- ½ cup prepared horseradish

Trim and discard excess fat from meat. Deeply brown meat without additional fat in a large 10- to 12-quart kettle, shifting meat around to brown all surfaces. Lift out meat and set aside. Add the carrots, turnips, and onion to pan drippings and cook, stirring, until lightly browned. Return meat to pan and add beef bones, parsley, water, bouillon cubes, bay, rosemary, thyme, and pepper. Bring to boiling, cover, reduce heat, and simmer until meat is very tender when pierced, about 2½ to 3 hours.

(If done ahead, cool, cover, and chill. Lift off solidified fat; simmer meat in broth on medium heat until hot, about 25 minutes.)

Simmered *with vegetables, fresh brisket is thinly sliced and served with toppings*

Skim and discard fat from broth. Add potatoes and cook, covered, for 15 minutes. Add beans and cook, covered, about 10 minutes longer or until vegetables are tender when pierced. Arrange vegetables around meat on a platter; keep warm. Discard bones; transfer broth to a tureen.

Just before serving, quarter and core apples, then coarsely shred (save some slices for garnish). Mix with vinegar and pile in a serving bowl.

To serve, slice meat and offer chive sauce, horseradish, and apple to top servings as desired. Serve broth in bowls. Makes 8 to 10 servings.

Chive sauce. In a food processor or blender, whirl 2 cups (1 lb. carton) large curd cottage cheese until *very* smooth. Spoon into a serving bowl and stir in ⅔ cup thinly sliced fresh chives or green onion and ¼ teaspoon pepper. □

First he coats the beef steak . . . not too fancy, not too plain

More carnivorous than they ought to be, Americans regard the steak as a special treat, the emblem of the good life, the strong last link in the food chain. It was not always so; the steak was the original fast food, and as such rather looked down on. Consider this early dictionary definition: "a small slice of meat to be broiled before or on the fire when a person cannot or will not stay till a regular joint is boiled or roasted."

Regardless of its humble origin, the steak has become the center of what amounts to a cult, with its attendant rituals, orthodoxies, and heresies. People who eat thin, well-done, batter-dipped, chicken-fried steaks regard purists who like their be rare as little better than vampires. T latter regard the former as simple b barians. Francophiles who flame ste with brandy seem effete to those who gard salt, pepper, and possible a pat butter as sufficient garnish.

Jim Reed's steak dish takes a mido path between plain and fancy. He co the steak with a mixture of crumbs, b ter, and seasonings to keep in the juic and bathe the meat in flavorings as cooks. (A similar technique is often us with rack of lamb.)

Reed places his prepared steak in brown paper bag and roasts it in a 37 oven for 45 minutes. Our tasters fou that this treatment softened the cru so they altered the roasting technique shorten cooking time. You might also wrapping the steak in foil for a long cooking and a softer crust; foil has t advantage of not being flammable.

Steak—Easy and Superb

- 4 tablespoons butter or margarine, at room temperature
- 2 large cloves garlic, minced or mash
- ½ teaspoon *each* dry basil and pepper
- ¼ teaspoon seasoned salt
- 2 tablespoons fine, dry bread crumbs
- 1½- to 2-pound sirloin beef steak, about 1¼ inches thick

In a small bowl, mix together the butt garlic, basil, pepper, and crumbs. S aside. Place steak on a broiler rack in broiler pan. Roast in a 500° oven for to 15 minutes for rare or until done your liking when slashed. Press butt mixture evenly over top of steak. Br 3 to 4 inches below heat for about minutes or until mixture is melted a bubbly. To serve, cut across steak slanting slices. Makes 4 to 6 servings.

Jim Reed
Bellingham, Wash.

Bell peppers, green or red, are not on attractive but tasty and healthful as we On the other hand, there is a certa pompousness about them. Beneath th glossy, plump, aldermanic exterior li what? A few seeds, a few fragile rib and a cavernous void that cries out f stuffing. Cooks have been answering th cry with a variety of preparations, mo involving ground meat, rice, bre crumbs, and cheese.

Walter Soh's baked bean filling is an e tirely new idea to us, and we pass along to you with high recommendatio from our tasters. Beans and peppers a of course, a famous team in Mexic cookery. The idiom here is totally di ent; although it comes to us from H waii, it has a New England twang.

If you like your peppers extra-cris omit the 2-minute parboiling, as M

Chefs of the West®

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Soh does. The pepper will taste more raw than cooked and it will put up quite a battle against your fork.

Baked Stuffed Bells Le Beans

- 6 medium-size red or green bell peppers
- Boiling water
- 2 tablespoons butter or margarine
- 1 medium-size onion, chopped
- 1 can (16 oz.) pork and beans
- 1 can (16 oz.) red kidney beans, drained
- 3 tablespoons molasses
- 2 tablespoons firmly packed brown sugar
- 2 teaspoons Worcestershire
- 1 teaspoon Dijon mustard
- 1½ cups (6 oz.) shredded sharp Cheddar cheese

Cut off stem ends from peppers, then scoop out seeds. Drop peppers into a large kettle of boiling water to cover; boil without a lid for 2 minutes, then drain well. Set peppers upright in a 9-inch-square baking pan or in muffin cups.

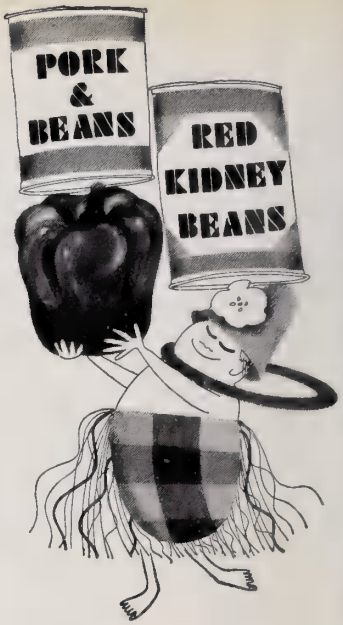
In a 2- to 3-quart pan, melt butter over medium heat; add onion and cook until limp. Stir in pork and beans, kidney beans, molasses, brown sugar, Worcestershire, and mustard. Place over medium-high heat and cook, stirring, until mixture boils and thickens, 5 to 7 minutes.

Evenly sprinkle about half of the cheese in bottom of peppers, then evenly spoon bean mixture into peppers and top with remaining cheese.

Bake, uncovered, in a 350° oven for 25 to 30 minutes or until hot throughout and cheese is bubbly. Makes 6 servings.

Walter Ray Soh

Honolulu



"Beans and peppers are, of course, a famo team. Here it comes to us from Hawaii

Bread is often called the staff of life, p sumably because we lean on it so heav as we go along life's path. Barney's B boa Bread is not so utilitarian; one mig more aptly call it the drum major's bat of life, or, in a burst of hyperbole, t Maypole of life, more fit for marchi or dancing than trudging or limping.

It is not exactly bread and not exac coffee cake. It is fancy enough to ta unadorned with coffee, yet not so sw that it can't be profitably toasted a buttered. It is especially comforting, sa Arthur Vinsel, on foggy mornings alo the Orange County coast when y would rather linger over breakfast th search for your car in the driveway.

Each bite has some surprise—a bit fruit, a crunchy nut or cereal bit, or whiff of orange peel. But the surpri are nothing compared to those in an ternate version, which omits the oran peel and substitutes canned diced gre chilies and cumin. The latter version w somewhat less admired by our tast than the one we give below.

Barney's Balboa Bread

- 1 cup golden raisins
- ⅔ cup dry sherry
- 2 cups baking mix (biscuit mix)
- 3 tablespoons firmly packed brown sugar
- ½ cup nonfat dry milk
- ½ cup wheat germ
- 1 tablespoon grated orange peel
- 1 egg
- ⅔ cup milk
- 2 tablespoons butter or margarine, melted
- 1 cup crunchy nut-like cereal nuggets
- ¼ cup chopped nuts
- Ground cinnamon

Place raisins in a small bowl; cover wi sherry and let stand at least 1 hour. In

Cure 81® Golden Praline Ham

Golden Praline Ham

1-16 oz. jar apricot-pineapple preserves
½ cup brown sugar
Pecan halves and maraschino cherries for garnish

Combine apricot-pineapple preserves with brown sugar and heat in saucepan, stirring well. Spread mixture over Cure/81 Ham for last half hour of baking. When ham is finished, garnish with alternating diagonal rows of pecan halves and cherry halves.

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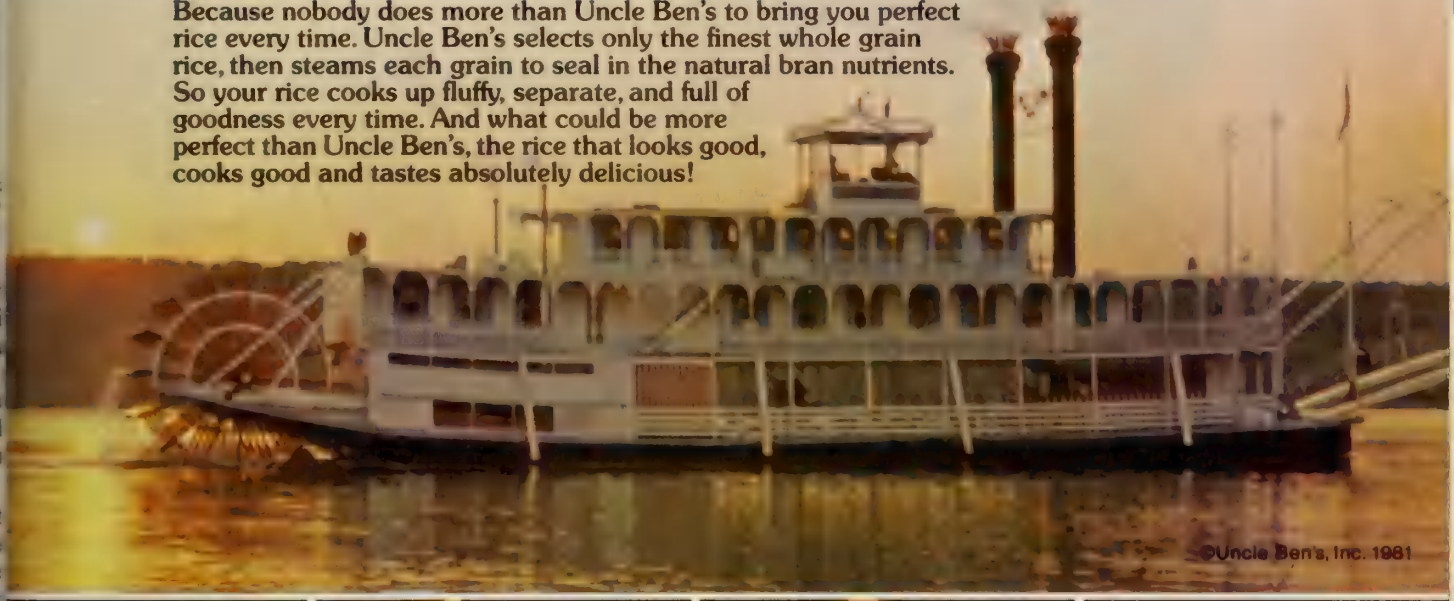

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17-521

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large bowl, combine baking mix, sugar, dry milk, wheat germ, and orange peel. Stir in the egg, milk, and butter, then add the raisins and their liquid, cereal, and nuts. Mix well, then pour into a greased 9-inch-square baking pan. Sprinkle top lightly with cinnamon.

Bake in a 400° oven for 20 minutes or until a wooden pick inserted in the center comes out clean. Let stand on a wire rack for 10 to 15 minutes before cutting. Makes 9 servings.

Arthur R. Vinsel

Newport Beach, Calif.

Limes have served many purposes. In the last century, they were prescribed by British law as a preventive against scurvy: after 10 days on salt rations, sailors were to be given lime juice. Today *limey* still lives in our language as a faintly inelegant term for an Englishman.

Their fragrance has made limes important to the perfume industry; the peel is still widely used in after-shave lotions. And, of course, limes are used to render certain strong spiritous beverages less abrasive to the palate. Above all, though, limes are used for refreshment—in ades and soft drinks, in sherbets, in jeweled green molded salads, and in desserts.

Here is Homer Blevins' Lime Chiffon Pie. Although it comes to us from Apple Valley, California, its spiritual home is in south Florida, where it is known as Key lime pie (pronounced *lahm pah*).

Lime Chiffon Pie

- 4 eggs, separated
- 1 cup sugar
- 2 teaspoons grated lime peel
- ¼ cup lime juice
- ¼ teaspoon salt
- 2 to 3 drops green food coloring (optional)
- 1 baked 9-inch pastry shell

In a 2- to 3-quart pan, beat together the egg yolks, ⅔ cup of the sugar, lime peel and juice, and salt. Place over medium heat and cook, stirring, until thickened. Remove from heat, add food coloring (if used) to make a pale green hue. Cool.

Whip egg whites until soft, moist peaks form; beating constantly, gradually add the remaining ⅓ cup sugar, 1 tablespoon at a time, until stiff peaks form. Fold about half of the meringue into the cooled yolk mixture; pour into baked crust, and top with remaining meringue, sealing to edge of crust.

Bake in a 350° oven for 15 minutes or until lightly browned. Serve at room temperature or chilled. Makes 6 servings.

Homer J. Blevins

Apple Valley, Calif.

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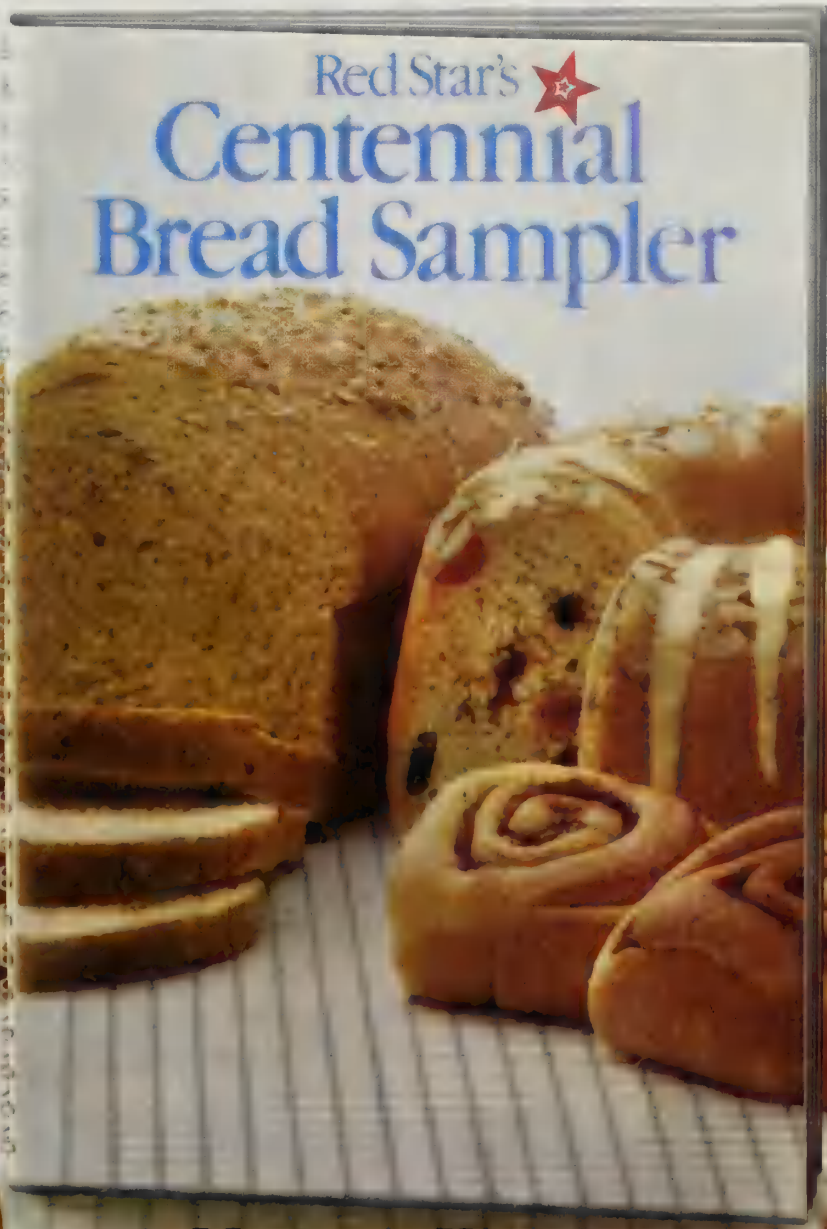

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Mustards that crunch. French is medium hot, German sweet and spicy

As you bite into these homemade mustards, variations of the smooth Dijon-syle mustard on page 92, they crunch and pop in your mouth. That's because they are made with mustard seeds, which give the condiment an interesting grainy texture. These two versions are made with white (also known as yellow) seeds readily available in supermarket spice sections.

Soak the seeds and a small amount of dry mustard (it adds a little body) in cold water to soften seeds. Then add a concentrated infusion of spices and vinegar. Whirl in a blender to lightly crush the seeds; then cook until thickened.

The French old-fashioned mustard is piquant, medium hot, and subtly spiced. The German one can be made quite coarse, or puréed more for a smoother texture; it's sweet and warmly spiced.

French Old-fashioned Mustard

Soak ½ cup white mustard seeds and 1 tablespoon dry mustard in ½ cup cold water for at least 3 hours.

In a 1- to 2-quart noncorrosive pan, combine ½ cup *each* white wine vinegar and dry white wine; 1 small onion, chopped, or ½ cup chopped shallots; 2 cloves garlic, minced or pressed; 1 teaspoon *each* salt and sugar; ½ teaspoon dry tarragon leaves; 1 bay leaf; ⅛ teaspoon *each* ground allspice and turmeric. Simmer, uncovered, on medium heat until reduced by half, 10 to 15 minutes. Pour liquid through a wire strainer into mustard seed mixture; whirl in a blender until coarsely ground. Cook in the top of a double boiler over simmering water, stirring occasionally, until thickened, 8 to 12 minutes. Cool, cover, and chill at least three days; mustard keeps up to two years. Makes about 1 cup.

Spiced German Mustard

Soak ⅓ cup white mustard seeds and ¼ cup dry mustard in ½ cup cold water for at least 3 hours.

In a 1- to 2-quart noncorrosive pan, combine 1 cup cider vinegar; 1 small onion, chopped; 2 tablespoons firmly packed brown sugar; 1 teaspoon salt; 2 cloves garlic, pressed or minced; ½ teaspoon ground cinnamon; ¼ teaspoon *each* ground allspice, dill seed, and dry tarragon leaves; and ⅛ teaspoon ground turmeric. Simmer, uncovered, on medium heat until reduced by about half, 10 to 15 minutes. Pour liquid through a wire strainer into mustard seed mixture; whirl in a blender or food processor until puréed to the texture you like. Cook in the top of a double boiler over simmering water, stirring occasionally, until thickened (it thickens slightly more as it cools), 10 to 15 minutes. Stir in 1 or 2 tablespoons honey to taste. Cool, cover, and chill at least three days; mustard keeps up to two years. Makes about 1 cup. □

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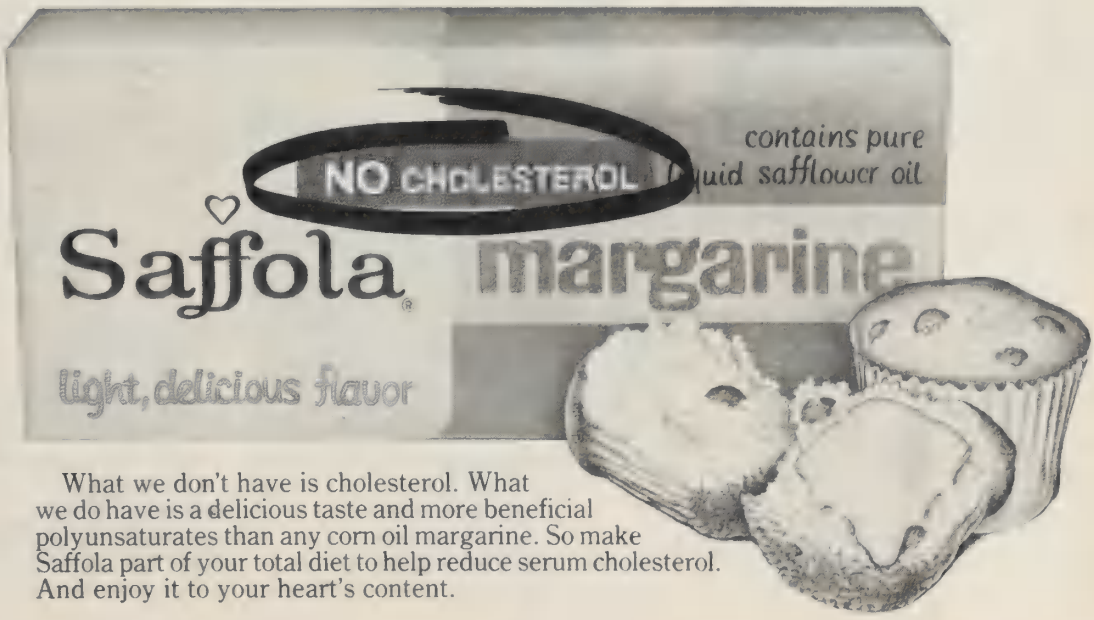

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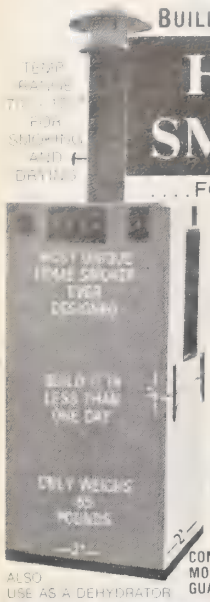

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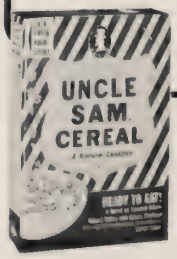

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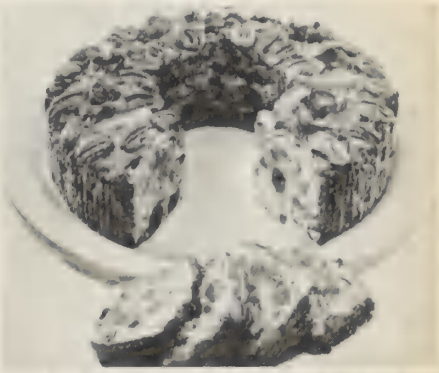

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Black bean soup ... wreath party

Thick, smooth, and hot, this hearty black bean soup is the featured dish for the easygoing wreath-making party on page 74. The party is for 40, but we give the recipe in portions for 20 to 24; two smaller kettles are easier to deal with than a single huge one.

Self-styled Black Bean Soup

- ½ cup olive oil
- ½ pound salt pork or bacon, diced
- ½ pound Westphalian, Black Forest, or prosciutto ham, diced; or 1 pound ham hocks, sawed in quarters
- 8 large onions, chopped
- 8 cloves garlic, minced or pressed
- 6 large stalks celery, including leaves, chopped
- 2 pounds dried black beans, sorted for debris and rinsed
- ½ teaspoon cayenne
- 4 teaspoons ground cumin
- 6 quarts regular-strength chicken broth
- ¼ cup wine vinegar
- 1 cup dry sherry
- Soup additions (suggestions follow)

Pour oil into a 10- to 12-quart kettle and add salt pork, ham, onion, garlic, and celery. Cook on medium-high heat, stirring occasionally, until vegetables are soft and lightly browned, and all juices have evaporated, about 40 minutes.

Add beans, cayenne, cumin, and broth to kettle. Bring to a boil on high heat, then reduce heat, cover, and simmer gently for 2½ to 3 hours or until beans mash very easily. (If you use ham hocks, lift from soup, discard skin and bones, and return meat to soup.)

Let soup cool to lukewarm, then whirl a portion at a time in a blender or food processor until smooth. Return to kettle; at this point you can reheat soup or chill, covered, for up to 3 days. Place on medium-low heat and, stirring occasionally, bring the soup to serving temperature (takes about 45 minutes); blend in vinegar and sherry. Ladle into bowls and embellish as desired with soup additions. Makes 20 to 24 servings.—*J. B., Palos Verdes, Calif.*

Soup additions. Have in separate containers 3 pounds warm Polish (kielbasa) or garlic sausages, cut in ½-inch-thick slices; 4 to 6 cups hot cooked rice; 2 cups finely chopped green or red onion; 8 hard-cooked eggs, finely chopped and dusted with paprika; 4 unpeeled lemons, cut in wedges or paper-thin slices; 1½ cups sweet pickle relish; 2 cans (7 oz. *each*) chopped green chilies. (See page 74 for presentation suggestions.) □

Festive Crescent Crowned Ham

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FESTIVE CRESCENT CROWNED HAM

5-lb. GOLDEN STAR® Canned Ham by Armour
1 8-roll and 1 4-roll can PILLSBURY Refrigerated Quick Crescent Dinner Rolls*
12 toothpicks
2 tbsp. PARKAY® margarine, melted

SAUCE: 21-oz. can cherry pie filling
1½ tsp. lemon juice
¼ tsp. almond extract
⅛ tsp. ground cloves

Heat oven to 325° F. Place ham in shallow baking pan. Bake at 325° F for 1 hour; remove ham from oven. Increase oven temperature to 350° F. Place ham on greased cookie sheet.

Separate dough into 12 triangles. Place base of triangle at bottom edge of ham. Bring point of triangle up over edge of ham; curl point back. Continue with remaining triangles, leaving top of ham open for sauce. Place toothpick directly below each curl to hold in place. Firmly press dough against bottom edge of ham to seal. Bake at 350° F for 22 to 26 minutes or until crust is deep golden brown. Cover top of dough curls with foil to prevent excessive browning. Remove toothpicks. Brush with melted margarine.

In saucepan, combine [illegible] ingredients; heat, stirring occasionally. Just before serving, spoon about ¾ cup of [illegible] into center of crust crown. Serve remaining [illegible] with ham. Garnish [illegible] desired. 16 to 18 servings.

*TIP: 2 8-roll cans PILLSBURY Refrigerated Quick Crescent Dinner Rolls may be used. Bake remaining 4 rolls at 350° F for 12 to 14 minutes.

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10¢ Pillsbury

STORE COUPON

4-12-608

Pillsbury | Butterflake Dinner Rolls | 10¢

SAVE 10¢
on Pillsbury Butterflake Rolls.

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10¢ Pillsbury

STORE COUPON

4-13-604

4-11-764

MAIL BACK

This mail-in form must accompany request.
Mail to: The Pillsbury Co., P.O. Box 1942, Minneapolis, MN 55460

I enclose:

- ☐ one Satisfaction Guaranteed Certificate from a 5-lb. can of Golden Star® Canned Ham by Armour, plus
- ☐ labels from either two 8-roll size cans of Pillsbury Crescent Rolls or four 4-roll size cans of Pillsbury Crescent Rolls.

Please send my $1.50 refund to:

Name_____

Address_____ Apt. #_____

City_____ State_____ Zip_____

LIMIT: ONE REFUND PER FAMILY OR STREET ADDRESS. Group entries void. Refund rights may not be assigned or transferred. This refund offer form is required and may not be reproduced in any form. This refund offer form must accompany your request. Any requests for refund offer forms, mailed to this P.O. Box # or to The Pillsbury Company, will not be acknowledged. Offer good in U.S.A. Void in Wisconsin and where prohibited, restricted or taxed by law. Please allow 6-8 weeks for delivery. Offer expires 3/31/82.

4-11-764

Pillsbury | Crescent Dinner Rolls NEW! | 10¢

SAVE 10¢
on one 8-roll or two 4-roll size cans of Pillsbury Crescent Rolls.

TO THE CONSUMER: Caution! This coupon can be redeemed only with the purchase of the brand specified. Coupon cannot be transferred, sold or exchanged. Any other use constitutes fraud. TO THE RETAILER: We will reimburse you for the face value of this coupon plus 7¢ handling provided this coupon is redeemed by a consumer at the time of purchase of the brand specified and the face value of this coupon is deducted from the retail selling price. By submitting this coupon for reimbursement, you represent that you redeemed it in the manner described above and pursuant to these terms. The consumer must pay any sales tax involved. This coupon is not assignable; invoices proving purchases of sufficient stock of this specified product to cover coupons presented must be shown upon request or we may confiscate all coupons submitted. Reimbursement will be made only to a retail distributor of our merchandise or to a holder of our certificate of authority acting for him. For redemption of coupons, mail to The Pillsbury Company, Box 802, Minneapolis, Minnesota 55460. Cash redemption value: 1/100th of 1¢. Void where taxed, prohibited or restricted by law. LIMIT: ONE COUPON PER PURCHASE. NO EXPIRATION DATE. In your grocer's Refrigerated Dough Center.

10¢ Pillsbury

STORE COUPON

4-11-680

Lentils and rice . . . nutritious partners in curry and soup

Combining legumes with grains to make a complete protein source has long been a practice in other parts of the world. For example, in Mexico, beans are steady partners for corn tortillas; in Latin America, black beans are served alongside rice; and in the Middle East, meals often combine garbanzos (chick peas) with bulgur wheat.

Besides the nutritional and economical pluses, legume and grain combinations taste good and take well to a variety of seasonings and serving temperatures. And when executed by a creative cook, they can be surprisingly sophisticated.

Consider these two recipes. Both are based on lentils and rice but are distinctly different. The first seasons lentils with an authoritative curry accompanied by steaming hot rice and condiments. In the second, the lentils simmer in a mild, lemony broth with shreds of fresh spinach; then they are served with chilled, herb-marinated rice.

Merry Crispness!

No wonder Presto® FryDaddy® deep fryer is the season's most welcome gift idea.

Because it's Presto FryDaddy, just four cups of oil give you four big servings.

Because it's Presto FryDaddy, it maintains ideal temperature for perfect fried foods—crisp, cracklin', crunchy. Automatically.

Because it's Presto FryDaddy, there's a nonstick, no-scour surface inside and out. Just wipe clean.

Because it's Presto, you get all these features in a choice of three sizes to fit your family.

Because it's Presto, you know you are giving the best—and so does the lucky person who gets one.

PRESTO®

. . . innovation to make it first quality that makes it last and last®

Prepare either dish as an all-vegetable entrée or as a hearty accompaniment to roast chicken or grilled sausages.

Curried Lentils and Rice

- 2 tablespoons salad oil
- 1 large onion, coarsely chopped
- 2 cloves garlic, minced or pressed
- 1 teaspoon finely minced fresh ginger
- Curry spices (directions follow)
- 3 chicken or beef bouillon cubes
- 4 cups water
- 1½ cups lentils
- 3 cups hot, cooked rice
- Condiments (suggestions follow)

In a 4- to 6-quart kettle, cook oil and onion, stirring, over medium heat until onion is limp, about 10 minutes. Add garlic, ginger, and curry spices, and cook, stirring, for 2 more minutes. Add bouillon cubes, water, and lentils; cover and bring to a boil. Reduce heat and simmer, stirring occasionally, until lentils are very tender when mashed, about 1 hour. Ladle into wide bowls and top each with a mound of hot rice. Offer condiments to spoon into bowls. Serves 5 or 6.—*D.N., Oakland, Calif.*

Curry spices. Combine 1 tablespoon curry powder; 1 teaspoon *each* turmeric, chili powder, and ground cumin; ½ teaspoon ground coriander.

Condiments: About ½ cup *each* chopped almonds or chopped salted peanuts; raisins; chutney; and unflavored yogurt.

Lentil and Spinach Soup with Marinated Rice

- 6 cups water
- 1½ cups lentils
- ⅓ cup olive oil
- 2 large onions, sliced
- 3 cloves garlic, minced or pressed
- 1½ teaspoons ground coriander
- ½ teaspoon salt
- About ¾ pound (1 small bunch) spinach, thoroughly washed and cut into thin slivers
- ¼ cup lemon juice
- Marinated rice (recipe follows)

In a 4- to 6-quart kettle, combine water and lentils and bring to a boil; cover and simmer over low heat until lentils are very tender when mashed, about 1 hour. Meanwhile, in 10- to 12-inch frying pan, combine oil, onion, and garlic, and cook, stirring, over medium-high heat until onion is very limp and golden, about 10 minutes; stir in coriander and salt. Stir onion mixture into lentils along with spinach; simmer, uncovered, for 10 minutes. Stir in lemon juice.

Spoon marinated rice into individual bowls of the lentil soup. Serves 5 or 6.—*D. S., Palo Alto, Calif.*

Marinated rice. To 3 cups hot, cooked rice, add ¼ cup *each* salad oil and white wine vinegar, 2 teaspoons dry basil, and ¼ cup chopped green onion. Cover and chill at least 2 hours or overnight, stirring occasionally.

SHARP® INTRODUCES AN OVEN WITHIN AN OVEN WITHIN AN OVEN.

AS A MICROWAVE OVEN, it's better for fish, vegetables, lasagna and frozen foods. It cooks so quickly, they taste fresh, flavorful and never dried out. And Sharp's exclusive Carousel® turns the food so you don't have to. Which means you won't have to worry about being a microwave oven attendant. Or about "hot and cold spots" that can give you unevenly cooked food.

AS A CONVECTION OVEN, it's better for bread, cakes, pastries and pies. It circulates the air to cook faster than conventional ovens. And this constantly moving air surrounds the food, quickly heats the outer portions and seals in the natural juices. Food tastes more flavorful and looks as good as it tastes. Because Sharp's convection oven browns and crisps easy as pie. Whether it's an apple pie with golden-brown crust, or a crisp pizza, Sharp makes the convection oven a perfection oven.

IN COMBINATION, it roasts and bakes to perfection. And Sharp's microcomputer lets you program microwave, convection, or combination cooking at the touch of a button. See Sharp's C.C.M., Carousel Convection Microwave (Model R-8320) at Sharp dealers. Sharp Electronics Corporation, 10 Sharp Plaza, Paramus, N.J. 07652

SHARP®

FROM SHARP MINDS COME SHARP PRODUCTS.

You're Always A Winner When You Serve

CHEX PARTY MIX

A family favorite for 25 years

Party Mix Recipe:

½ cup butter or margarine
1¼ teaspoon seasoned salt
4½ teaspoon Worcestershire sauce
2 cups Corn Chex® cereal
2 cups Rice Chex® cereal
2 cups Bran Chex® cereal
2 cups Wheat Chex® cereal
1 cup salted mixed nuts

Preheat oven to 250°. Heat butter in large shallow roasting pan (about 15 x 10 x 2 inches) in oven until melted. Remove. Stir in seasoned salt and Worcestershire sauce. Add Chex and nuts. Mix until all pieces are coated. Heat in oven 1 hour. Stir every 15 minutes. Spread on absorbent paper to cool. Makes about 9 cups.

We're celebrating with these two Silver Anniversary offers especially for you.

CASH BACK REFUND OFFER

Follow the directions on the accompanying "pop-up" card and win a refund of no less than 75¢ . . . maybe even as much as $2.50!

BONUS GIVEAWAY SWEEPSTAKES OFFER

The hidden phrase on your "pop-up" card ribbon may have already made you an Instant Winner of $25, $250, maybe even $25,000!

See accompanying "pop-up" card for complete refund and sweepstakes offer details, or send a self-addressed stamped envelope to: Family Favorite Pop-Up Card Request, P.O. Box 4149, Monticello, MN 55362 by December 31, 1981. Limit one pop-up card per request per day. NO PURCHASE NECESSARY.

© Ralston Purina Co., 1981

For this two-part holiday party, *invite guests into the kitchen for a serve-themselves soup and hot sandwich supper. Then let them decorate Christmas cookies—you provide the cookies and decorations and let them provide the talent*

TERI SANDISON

DECEMBER MENUS

Soup and sandwich and cooky party, chilies rellenos for brunch, smoked pork chop dinner

Sharing time with family and friends is a special part of the holiday season, so our menus this month offer three occasions to bring people together. Along with a soup and sandwich supper, invite guests to decorate holiday cookies, which they can take home.

A speedy solution for a last-minute company dinner is smoked pork chops paired with curried vegetables. And for a weekend brunch, our second menu features a Mexican-style egg casserole.

Soup and sandwich party

Let guests serve themselves to the light soup and sandwich supper as they work.

Lemon Sugar Cookies and
Ginger Spice Cookies
Decorating Icing **Decorations**
Spiced Tomato Seafood Soup
Hot Olive Sandwich Loaf
Dry White Jug Wine **Apple Juice**

Arrange cookies in baskets or on trays within easy reach of guests. Also set out purchased tubes of colored decorating icing and the decorating tips. Present bowls of colored sugar, red cinnamon candies, raisins, chocolate bits, sliced almonds (or other nuts), shredded coconut, or jelly beans for guests to use as

DARROW M. WATT

Ready to package, *decorated cookies will go home with party guests*

decorations. Provide guests with trays, baskets, or boxes to carry home their cookies.

Lemon Sugar Cookies

In the large bowl of an electric mixer, beat together 1 cup (½ lb.) butter or margarine and 2 cups sugar until light and fluffy. Beat in 2 eggs, 2 tablespoons lemon juice, 1 tablespoon milk, and 1 teaspoon *each* grated lemon peel and vanilla. In another bowl, stir together 5 cups all-purpose flour, 4 teaspoons baking powder, and ½ teaspoon salt. Add to sugar mixture and mix well to blend. Wrap and chill until firm, at least 2 hours or as long as 1 week.

With a floured rolling pin on a lightly floured board, roll out a portion of dough at a time until about ⅜ inch thick. Cut with large floured cooky cutters (about 4 inches in diameter) and place slightly

CHILE UP YOUR LIFE!

ORTEGA'S TANGY GREEN CHILES DO MORE THAN JUST LOOK GOOD

Chile up your life by just adding a can of Ortega® Chiles to quickie meals like frozen pizza. Ortega Chiles bring a unique, lively tang to scrambled eggs, perk up stews and salads and add punch to pasta. For FREE "Chile Up Your Life!" cookbook, send your name and address to: Heublein, Inc., Ortega Mexican Foods, P.O. Box 1112, Oxnard, CA 93032. Offer good while supply lasts.

part on lightly greased baking sheets.

ake cookies in a 350° oven for about 0 to 12 minutes or until edges are olden. Cool on wire racks. Use or store ı airtight containers up to 1 week or eeze. Makes 3 dozen 4-inch cookies.

inger Spice Cookies

ı a 1½- to 2-quart pan over medium eat, combine 1 tablespoon white vinegar nd 1 cup (½ lb.) butter or margarine. lso add 1 cup *each* molasses and sugar. oil, stirring, for 2 minutes. Let cool.

leanwhile, in a large bowl, stir together cups all-purpose flour; 1 teaspoon *each* round cinnamon, ginger, and soda; and ½ teaspoon *each* baking powder and alt. Beat 2 eggs into cooled molasses ixture, then blend into flour mixture, ixing well. Wrap and chill until firm, t least 2 hours or up to 1 week.

oll, bake, and store cookies as directed or Lemon Sugar Cookies. Makes 4 ozen 4-inch cookies.—*J. D., Santa Barara, Calif.*

piced Tomato Seafood Soup

ı a 5- to 6-quart kettle, sauté 1 large nion (chopped) in 2 tablespoons butter r margarine until soft. Stir in 1 teaspoon hyme leaves, 3 tablespoons Worcestershire, 3 quarts regular-strength beef or hicken broth, and 1 quart (32 oz.) chili-easoned tomato cocktail or Bloody Mary mix. Heat to simmering.

Reduce heat to keep soup hot. Have 1 to ½ pounds cooked shellfish such as mall shrimp, crab, or diced lobster in ndividual dishes near soup. Let guests erve themselves directly from kettle, dding the seafood of their choice. Makes 8 servings of 2 cups each.

Hot Olive Sandwich Loaf

Cut 1 long loaf (1 lb.) French bread orizontally in half and place, cut side p, on a 12- by 15-inch baking sheet. Drain and coarsely chop 3 cans (about oz. *each*) sliced ripe olives. Combine ı a bowl with ½ cup *each* mayonnaise nd chopped green onion, 1 cup hredded Cheddar cheese, and 2 teapoons Dijon mustard. Spread half the live mixture on each bread half, then op with 6 ounces thinly sliced Swiss or ack cheese.

Bake in a 375° oven for 12 to 15 minutes or until hot through. Cut crosswise nto 1½-inch-wide slices. Serves 8.

Company brunch

A simple casserole version of chilies rellenos gives this brunch a Mexican flavor.

Guava Nectar or Margaritas
Chilies Rellenos Casserole
Warm Corn Tortillas Butter
Orange and Cucumber Salad

While the casserole bakes, assemble a salad of sliced oranges and cucumber;

Pour in the Eagle Brand for...

Munchible Magic in Minutes

Chewy, chocolatey cookie bars...hard to believe they're such a snap to make.

That's why we call them "Magic" Cookie Bars!

And the magic begins when you pour in the Eagle® Brand Sweetened Condensed Milk, the dessert maker that makes so many luscious desserts easy.

But remember...Magic Cookie Bars are so delicious, they also tend to disappear...like magic.

Magic Cookie Bars

(Makes 24 bars)

- ½ cup margarine or butter
- 1½ cups graham cracker crumbs
- 1 (14-ounce) can Eagle® Brand Sweetened Condensed Milk (NOT evaporated milk)
- 1 (6-ounce) package semi-sweet chocolate morsels
- 1 (3½-ounce) can flaked coconut (1⅓ cups)
- 1 cup chopped nuts

Preheat oven to 350° (325° for glass dish). In 13x9 inch baking pan, melt margarine in oven. Sprinkle crumbs over margarine; mix together and press into pan. Pour sweetened condensed milk evenly over crumbs. Top evenly with remaining ingredients; press down firmly. Bake 25 to 30 minutes or until lightly browned. Cool thoroughly before cutting. Store loosely covered at room temperature.

the dessert maker

© Borden, Inc. 1981

top with a dressing of 2 parts salad oil and 1 part lime juice.

Chilies Rellenos Casserole

- 8 ounces Cheddar cheese
- 2 cans (7 oz. *each*) whole green chilies
- 10 eggs
- ½ cup all-purpose flour
- 1 teaspoon baking powder
- 2 cups (1 pt.) small-curd cottage cheese
- 1 large avocado, peeled, pitted, and sliced
- Bottled green or red taco sauce

Cut cheese into ½-inch-thick fingers long enough to fit inside each chili. Stuff cheese into chilies and lay crosswise in a greased 9- by 13-inch baking pan.

In a large bowl, stir together the eggs, flour, and baking powder until blended. Mix in the cottage cheese and pour evenly over the chilies.

Bake in a 350° oven for 30 to 35 minutes or until lightly browned on top and center feels firm. Top with avocado slices. Let stand 5 minutes, then cut into rectangles to serve. Offer taco sauce for individual servings. Serves 4 to 6.

Spur-of-the-moment dinner

Smoked pork chops, cooked and ready to heat, are practical for a busy hostess.

Smoked Pork Chops with Curried New Potatoes and Green Beans
Fresh Berry Ice Fruitcake

Pan-brown the smoked pork chops while the potatoes cook. Purchase your favorite flavor of fresh berry ice for dessert.

Smoked Pork Chops with Curried New Potatoes and Green Beans

- 10 to 12 thin-skinned red potatoes (about 2-inch diameter)
- 1 pound green beans, ends removed
- 6 tablespoons butter or margarine
- 6 smoked pork chops, each ¾-inch thick
- 2 tablespoons whole mustard seed
- 2 teaspoons curry powder

Scrub potatoes, but don't peel. Steam covered, on a rack over boiling water until tender when pierced, about 25 minutes. Add beans the last 10 minutes and cook, covered, until tender-crisp. Cut potatoes in half; keep vegetables warm.

While potatoes are cooking, melt about 2 teaspoons of the butter in a 10- to 12-inch frying pan over medium heat. Add pork chops and brown lightly on both sides, about 10 minutes. Arrange chops on a platter and keep warm.

Add remaining butter to pan and when melted, stir in the mustard seed and curry powder. Add potatoes, cut side down, and heat about 5 minutes. Lift out and arrange with chops. Add beans to pan and turn to coat in butter; arrange on platter. Drizzle vegetables with remaining curry-mustard butter. Serves 6.

"Who says you have to work all day to light up the night."

"This holiday cake tastes like I started from scratch. But I started with Pillsbury Plus."

Rum Cake Jubilee

CAKE: 1 pkg. Pillsbury Plus Yellow Cake Mix
1 cup dairy sour cream
1/3 cup oil
1/4 cup rum
3 eggs

SAUCE: 21-oz. can cherry fruit pie filling
16-oz. can whole cranberry sauce
1/2 cup rum

Heat oven to 350°F. Grease and flour two 8 or 9-inch round cake pans. In large bowl, combine all cake ingredients at low speed until moistened. Beat 2 minutes at highest speed. Pour evenly into prepared pans.

Bake at 350°F. for 25 to 35 minutes until toothpick inserted in center comes out clean. Cool in pans on cooling rack 15 minutes; then remove.

Just before serving, heat fruit in large skillet until mixture just comes to a boil. Pour rum over hot fruit. DO NOT STIR. Ignite and ladle over cake wedges.* 16 servings.

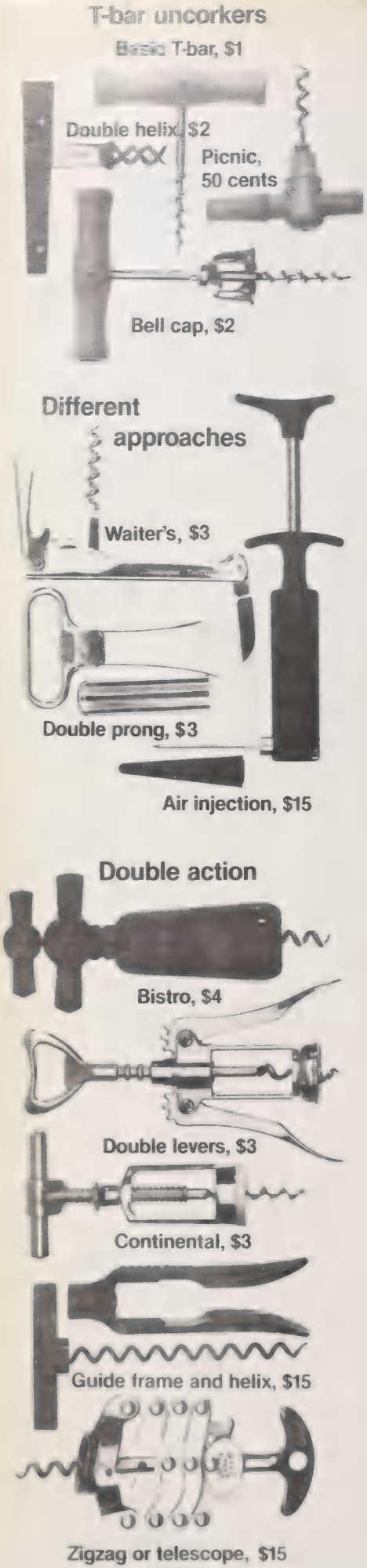
High altitude—Above 3500 Feet: Add 3 tablespoons flour to dry cake mix. Bake at 375°F. for 25 to 35 minutes.

TIP:* If desired, heat fruit and stir in 1/4 cup rum. Spoon over cake wedges.

© 1981 The Pillsbury Co.

The freshest ideas are baking at Pillsbury

Pillsbury



NORMAN A. PLATE

Corkscrews and other cork remover
. . . from stocking stuffers to major gifts, 50 cents to $150

Anyone about to open a bottle of wine, from the tasting-room connoisseur to the trailside picnicker, appreciates a cork remover that works well. But which to choose?

We gathered together an array of wine-uncorking tools to find the best (and worst). The sampler at left illustrates the basic operational styles in the most common combinations. We also tried devices that deal with opening champagne bottles and retrieving lost corks. After our testing, and after listening to the views of wine enthusiasts, we came to several conclusions.

One: Some cork removers work better than others, but the tool's design is a more reliable indicator of potential value than its cost.

Two: Some removers work better for some people than for others. (Are you strong? Is your aim straight?)

Three: Rarely do you find such a useful gadget with such price variation—from less than $1 to $150.

Whether you're shopping for a stocking stuffer or a major gift, a cork remover could be the answer. But what makes a good one?

Consider first how the tools work. Cork removal for still wines basically involves three methods: secure the cork and pull, with or without some leverage action; expel the cork by pressure from within; or twist the cork while lifting.

Pulling

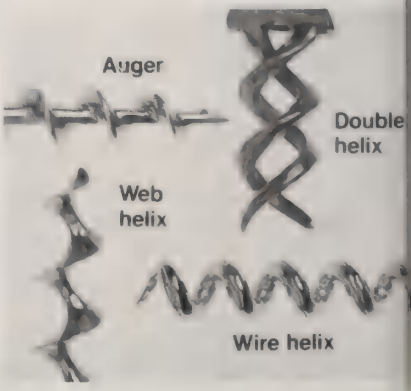
Traditional corkscrews fall in this category. These include all the ones pictured at left with a single-helix corkscrew visible, plus the tabletop model in the picture on page 170. The sharpness of the tip and the type of spiral used are the most important indicators of a corkscrew's effectiveness. Mechanisms attached to the spirals simply vary the ease and method of extraction.

Spiral tips should taper to a narrow, sharp point. The wire helix is the m[illegible] expensive of the four spiral types [illegible] winds through corks the most clea[illegible] with the web helix finishing a c[illegible] second. The auger is the least expen[illegible] to manufacture and purchase, but [illegible] a poor grip on the cork; it damages [illegible] cork the most on entry and may [illegible] out the center when pulled out. Th[illegible] three spirals are meant to be tu[illegible] through the entire length of the c[illegible] the twists support the cork as it is pu[illegible] out. If spirals are less than 1¾ t[illegible] inches long (the length of an aver[illegible] cork), efficiency is decreased.

Unlike the other three spirals, the dou[illegible] helix does not go through the length [illegible] the entire cork. Instead, it grabs the c[illegible] in the middle; you twist the device w[illegible] lifting it to get the cork turning in [illegible] bottle and moving up and out. If pu[illegible]

Ineffective *corkscrew gets ineffective results: auger grip often splits and breaks cork, ruins tempers too*

These cork removers *pull, twist, or push wine corks. Prices are approximate and vary by material and design of remover and locale of sale*



Spiral removers *include auger with solid core, double helix with opposing spirals, bent wire spiral helix, web helix with sharp edges*

PRESENTING MONA LINDSAY'S OLIVE MEATLOAF

Now you can create your own Italian masterpiece with this Lindsay® Olive Meatloaf. Plump, flavorful Lindsay Pitted Black Ripe Olives add a special texture and mellow flavor to this beautiful, tasteful dish. Make one tonight and watch it go "Arrivederci." That's a meal worth smiling about!

MONA LINDSAY'S OLIVE MEATLOAF

2 lbs. lean ground beef
1 C. chopped onions
1 clove garlic, crushed
3 bacon slices, halved
¼ t. pepper
½ t. *each* basil, oregano and salt
1 can (6 oz.) Lindsay Pitted Black Ripe Olives, drained
1 can (8 oz.) tomato sauce

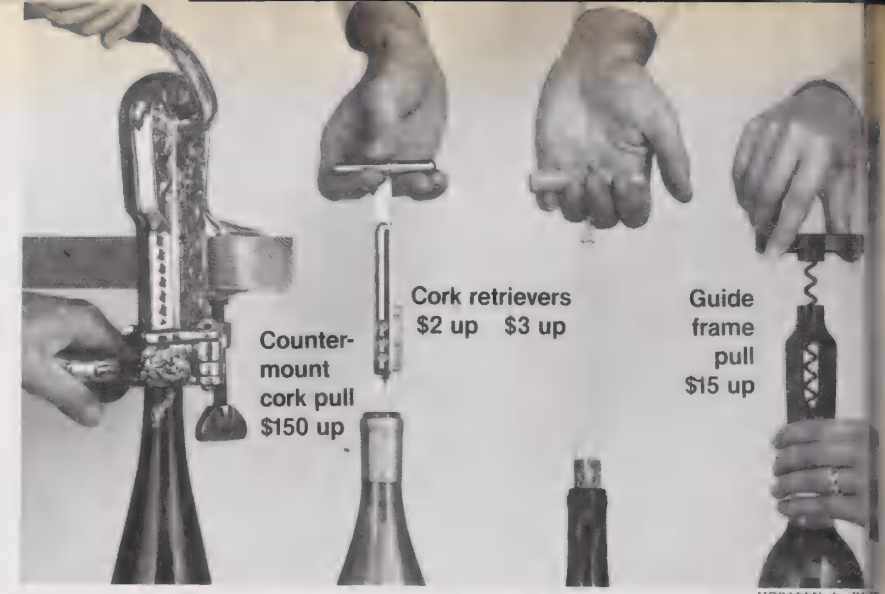
In large bowl, thoroughly mix all ingredients except Lindsay Olives, tomato sauce and bacon. Mix in Lindsay Olives, reserving 5 for garnish. In a 9 × 13-inch baking pan, shape mixture into a 4 × 12-inch rounded loaf. Pour tomato sauce over loaf. Lay bacon slices across loaf. Bake in 350°F. oven 1 hour 15 minutes. Garnish with reserved Lindsay Olives. Slice to serve hot or cold. Makes 8 servings.

An olive is just an olive . . . unless it's a Lindsay.®

without turning, the helix can chew out the cork center.

T-bar corkscrews, except for the double-helix design, require a strong pull to remove the cork. All are inexpensive. The handle of the picnic one doubles as a safety case. In the bell cap model, the cap presses against the lip of the bottle, giving some mechanical advantage, although our testers found it fairly ineffective.

Equipped with a foil-cutting knife, the waiter's model uses leverage to ease cork removal. A jack lever fits over the bottle lip, then the handle is pulled up to remove the cork. If the helix does not pierce the cork to the proper depth, or if the lever slips, bottle edges can be chipped. Waiters like this opener's flair and pocket-compactness.



NORMAN A. PI

Wine tools for a spectrum *of needs (pulling, retrieving, recorking) and pocketbooks*

Curemaster® Ham. Little, lean and luscious.

96% lean and naturally juicy.

Hormel Curemaster is the lean little ham that weighs just 1½ to 2¼ lbs. There's not an extra ounce of fat or gristle. And Curemaster is incredibly luscious because just the right amount of savory juices are left in during our smoking and cooking process.

The little ham that's worth a little more.

Hormel America's first name for ham.

The double-action corkscrews (lo five in the large picture on page 18 and the counter-mount model ab have some means of mechanical lev age, which reduces muscular effort. B they aren't equally easy to operate. I awkward to align the helix direc through the cork with the bulky bis and continental models; you turn the t crossbar of the bistro to work the he into the cork, then turn the lower cro bar to extract the cork. With lock ring closed, you turn the handle of t continental to penetrate the cork; th flip up the locking ring and turn t handle to lift out the cork.

For the double-lever and zigzag mod you insert the corkscrew spiral into t cork by rotating the top handle. Tw levers on the first rise as the helix ent the cork; you push them down to lift t cork out. On the second a slight p draws out the cork with the zigzag.

If a helix goes into the cork off-center cockeyed—not parallel—to the neck the bottle, pressures on the bottle's ne are uneven when the cork is remov and the cork can tear or break or t bottle's neck can chip or break. T new guide frame and helix model particularly effective because the fra aligns the helix as it enters the c You turn the handle in the same dire tion to enter and to remove the cork.

Tabletop models like the one at L above come in various designs. Thou expensive, they are the quickest a easiest to use of all types tested. T very easiest to operate mount at a 4 angle so they can accommodate a bott of any size. A clamp holds the bottle place; a lever removes the cork with o continuous forward pull. Reverse lev action recorks the bottle.

Pressure

To operate an air injector, the syring like device in the collection picture, fir

Juicy chicken. Juicy meat. Juicy $20 rebate.

Now's the time to own a Rival Convection Oven that roasts, bakes and broils in less time, on less energy.

It's not a microwave. The Rival Convection Oven cooks like your regular oven, but about 1/3 faster, because heated moving air circulates over, and around food.

Meats brown quickly, with natural juices sealed inside. Baked goods rise high and light, and brown evenly.

The oven sets on your countertop. It's surprisingly inexpensive to start with. And right now, Rival will give you a $20 rebate to get cooking with air.

See your retailer for details.

RIVAL®
Convection Oven

pierce the cork all the way to its base with the hollow needle, and then pump air through the needle to build up the pressure that expels the cork. When used as directed, air injectors are safe and easy to operate and do not tear the cork. They are favored over carbon-dioxide cartridge injectors, which can cause bottles to shatter.

Twisting

The double-prong cork extractor, a favorite in the California wine country, is the traditional "twister." Prongs are wiggled between cork and bottle until the neck of the pull is flush with the cork. Then you twist and lift to draw out the cork. Testers judged the double-prong extractor high for ease of use and for minimal cork destruction, But if pushed instead or jiggled in, the prongs may force the cork into the wine. And the device could break a thin bottle neck.

Double-helix decorkers are often confused with corkscrews, but they operate by twisting and lifting the cork.

Incidentally, the double-prong extractor and the tabletop model are the only ones that can recork a bottle.

Cork retrievers

A cork accidentally pushed into a wine bottle makes pouring difficult. Of the two retrievers shown in the photograph on page 170, the one on the left may take a lot of fishing before it digs into the cork. The second one is easier to use; its thin hook-tipped tines surround and grab the cork from the bottom.

Champagne equipment

Pictured above are two items that can ease the serving of champagne.

NORMAN A. PLATE

Champagne pliers *($11) holds corks securely, snip wires, open caps, screw tops*

Tight grip *of stopper ($10) saves the bubbles in leftover champagne*

The pliers are multifunctional. Use the to snip champagne wires or to grip t cork as you turn the bottle. The pli often also have hooks to remove bot caps and teeth to open screw-on tops.

To save the bubbles when you have bit of extra champagne, use a stopp like the one shown directly above. grip is strong enough to hold secure beneath the lower lip of the bottle.

"My daughter said, 'Mom, this is the best thing you've ever made!'"

When Mrs. Gilbert Capson of Salt Lake City, Utah, heard that from her daughter, Dorothy, she knew she had a winner. Her creation, "Honey Pork Oriental," made with French's Brown Gravy Mix won a "French's Prize Recipe Award" for turning ordinary pork into a really special dish. You'll find original, prize-winning recipes from creative cooks everywhere on the back of each French's Prize Recipe Sauce, Gravy, and Seasoning Mix package.

Linda Capson's Honey Pork Oriental

2 pounds pork shoulder steaks
2 tablespoons oil or melted shortening
1 envelope French's Brown Gravy Mix
¾ cup water
¼ cup honey
3 tablespoons soy sauce
2 tablespoons red wine vinegar
1 teaspoon French's Ginger
½ teaspoon French's Garlic Salt
4 carrots, thinly sliced
1 medium onion, cut in 6 wedges
1 green pepper, cut in squares
cooked rice

Cut pork in 1-inch squares, discarding bones. Brown pork in oil in large skillet, stirring frequently, 15 minutes. Combine French's Brown Gravy Mix, water, honey, soy sauce, vinegar, ginger, and garlic salt. Add to skillet, cover and cook 20 minutes. Add carrots; cook 10 minutes. Add onion and pepper; cook 5 to 10 minutes. Serve with rice. 4 to 5 servings.

French's Prize Recipe®
For cooking that could win a prize.

DARROW M. WATT

Pull *marrow—the butter of beef—from boiled bones while they are still warm*

Crisp and rich: *hot toast with marrow*

Mmmm In Minutes.

Creamy, delicious coconut pie.

GF
GENERAL FOODS

Crisp and rich appetizer . . . marrow on toast

Meltingly succulent marrow from inexpensive beef bones is a luxurious-tasting classic on toast. Serve as an appetizer or with roast beef.

Marrow on Toast

- 3 pounds beef marrow bones, cut into 3- to 4-inch lengths
- 2 cups water or regular-strength broth
- 2 bay leaves
- 1 teaspoon whole black peppers
- ½ teaspoon thyme leaves
- 2 dozen ½-inch-thick slices of baguettes or French rolls, toasted
- Salt and pepper

Rinse bones, drain, and place in a 3- to 4-quart pan. Add water, bay, pepper, and thyme. Bring to a boil on high heat, cover, and reduce heat to medium. Cook until marrow begins to shrink from sides of bone, about 15 minutes. Let stand until cool enough to handle, then shake, pull, or scoop marrow from bone and mash coarsely with a fork (reserve broth for soups).

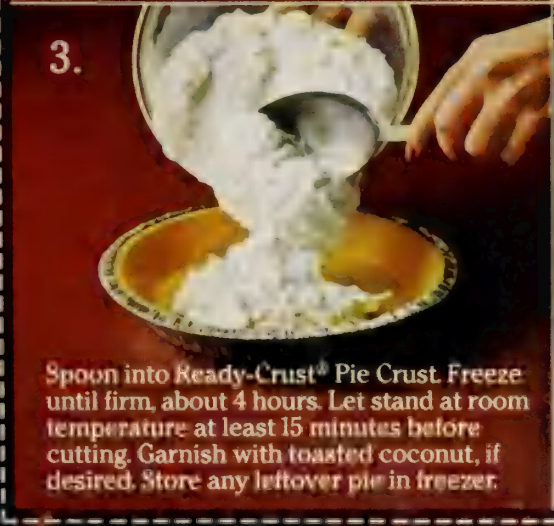
Spread an equal amount of marrow and drippings on each slice of toast and sprinkle lightly with salt and pepper. If toast and marrow are both warm, you can serve at once. For extra-crisp toast, or to make ahead, arrange marrow toast in a single layer on a 12- by 15-inch baking sheet (it can stand at room temperature, covered, for 4 to 5 hours). Heat, uncovered, in a 400° oven until sizzling, 2 to 4 minutes. Allow 3 or 4 slices for a serving; serves 6 to 8.

Marrow toast with chives and cheese. Make marrow toast, but before heating toast to crisp, sprinkle evenly with about 2 tablespoons chopped fresh chives (or green onions) and about ½ cup freshly shredded Parmesan cheese. □

COOL WHIP® and BAKER'S® Coconut introduce the 5-minute creamy coconut pie.

Beat sugar and milk into cream cheese until smooth. Fold in Baker's® Coconut.

Fold in Cool Whip® topping and extract.



Spoon into Ready-Crust® Pie Crust. Freeze until firm, about 4 hours. Let stand at room temperature at least 15 minutes before cutting. Garnish with toasted coconut, if desired. Store any leftover pie in freezer.

The Baker's® 5-Minute Creamy Coconut Pie

1 tablespoon sugar
½ cup milk
1 package (3 oz.) cream cheese, softened
1⅓ cups (about) BAKER'S® ANGEL FLAKE® Coconut
1 container (8 oz.) BIRDS EYE® COOL WHIP® Non-Dairy Whipped Topping, thawed
½ teaspoon almond extract (optional)
9-inch KEEBLER® READY-CRUST® Graham Cracker Pie Crust

Blender Method: Combine cream cheese, sugar, milk, and coconut in blender container. Cover and blend at low speed for 30 seconds. Fold into whipped topping. Add extract. Proceed as in #3.

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TERI SA

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Pickled fruit packed for gifts

Simmered in a spicy syrup, dried fr plump up and become a pleasingly counterpoint to roasted meats. This orful fruit condiment is so easy to m you might pack some extra jars Christmas giving.

Use just one kind of fruit or mix s eral kinds for variety. Let the fruit st in the syrup at least one week so can absorb the flavors more fully. T pickled condiment will keep for seve months in the refrigerator.

Pickled Dried Fruit

- 2 cups dried fruits (use one kind or a mixture; choose from raisins, apricots, prunes, figs, pears, and peaches)
- About 2 cups water
- 2 cups *each* sugar and cider vinegar
- 2 cinnamon sticks, 2 to 3 inches long
- 5 whole allspice
- 3 whole cloves

Place dried fruits in a 3- to 4-quart p Add enough water to barely cover. Si mer, covered, just until fruit softens a becomes slightly plump, 3 to 6 minut Drain off water and add sugar, vineg cinnamon, allspice, and cloves. Bring a boil, stirring to dissolve sugar. Redu heat and simmer, covered, stirring oc sionally, until fruit is plump, 10 to minutes.

Ladle into clean jar or jars. Cool. Co and chill at least 1 week or up to months. Makes about 1 quart.

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Pattie Wedge with Mint Jelly *Spread cream cheese on wedge of prepared Tyson Breast Pattie and top with mint jelly.*

Tomato Stix *Cook Tyson Chick'n Stix. Cube and top with tomato slice. Sprinkle with garlic salt, Parmesan cheese and green onion garnish.*

Ham and Cheese Chick'n Wrap *Cook Tyson Chick'n Stix. Cube and place Swiss cheese on top. Spread with mustard and wrap with ham. Top with jalapeno pepper and pimento. Heat to melt cheese.*

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Cornish and Walnut-Apple Stuffing

6 Tyson Cornish Game Hens
Paprika, salt, pepper
Oil
3 C. cooked wild rice
½ C. chopped celery
½ C. chopped onion
3 oz. walnut pieces
2 apples, cored and chopped
½ C. port wine
½ tsp. salt
Pepper
1 Tbl. parsley flakes

Wash hens and pat dry, season with salt, paprika, and pepper. Rub lightly with oil. Add remaining ingredients for stuffing and toss lightly. Divide stuffing among hens. Truss hens. Place in roasting pan and roast 1 hour or until tender in preheated 350°F oven. Serves 6.

Serve with candied yams, broccoli with Hollandaise and slivered almonds, and dill bread.

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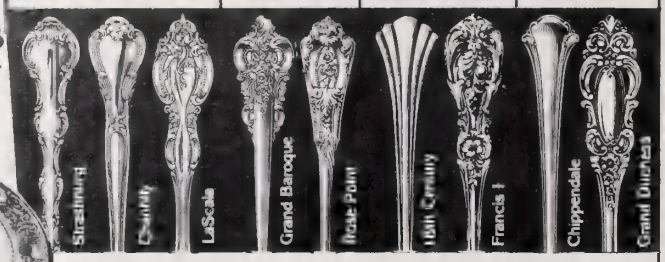

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DARROW M.

Lift strands *of hot spaghetti squash out of shells; layer with cheese, sauce*

Spaghetti squash lasagna

As if making lasagna, you alternate ers of spaghetti squash strands with m sauce and cheese in this casserole.

Spaghetti Squash Lasagna

- 2 spaghetti squash, each 2 to 2½ pounds
- 3 cups shredded zucchini
- 4 cups (1 lb.) shredded Cheddar chee
- Meat sauce (recipe follows)
- Grated Parmesan cheese

With a fork, pierce each squash in 5 c places. Set on a rimmed baking p Bake in a 325° oven until shells give pressure, 1½ to 2 hours; turn squ over after 45 minutes.

Cut each squash in half horizonta Scoop out and discard seeds. Loo strands with a fork. Place strands fr 1 whole squash in a shallow grea 3-quart casserole. Mix zucchini w cheese, scatter half over squash, and with half the meat sauce. Repeat lay with remaining ingredients.

Bake, covered, in a 350° oven until and bubbly, about 30 minutes. Spo Parmesan onto servings. Serves 6.

Meat sauce. Crumble and brown pound ground lean beef in a 10- to inch frying pan over medium heat; dr off fat. Add 1 clove garlic (minced pressed) and ¼ pound mushroo sliced. Cook, stirring, until mushroo are limp. Stir in 1½ teaspoons *each* basil and Italian herbs, 1 teaspoon s soned salt, 1 can (15 oz.) tomato pur and ½ cup dry red wine or water. Si mer gently for 10 to 15 minutes.

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Is this your year to tackle a goose?

DARROW M. WATT

An impressive debut *at Christmas dinner: succulent roast goose embellished with port-poached apples and prunes, orange halves, and thin strands of orange zest*

Plump roast goose, dark moist flesh ov-laid by crisp amber skin, is eulogized in European Christmas traditions as evi-dence of a properly laden holiday ta—and rightly so. When done well, goose is indeed a special treat.

However, in the West, where easy-cook turkey tends to reign as bird of the festivities, many cooks have never tac-led a goose, nor do they have traditional family cooking lore for reference.

To put even the most hesitant cook at ease, here we guide you from stove to table, giving due attention to the unique qualities of goose that require special cooking and carving directions.

Goose, usually available frozen, will take at least a day to thaw. It may be as much as twice the price of a turkey and yield fewer servings per pound. Goose is also loaded with excess fat, some of which you can pull off and discard; the balance is rendered by the roasting technique.

For a well-browned bird with moist flesh we found it most effective to start cook-ing the bird breast-down at a high tem-perature, and finish cooking it breast-up until a meat thermometer registers 17 The variation in temperature and liberal pricking of the skin help to drain the excess fat.

To complement the hearty flavor of goose, you might offer it with poached apples and prunes, and a lean, port-fla-vored sauce made from the giblet broth.

Buying and thawing

To serve 6 or 7, choose a 10-pound goose; for 8 to 10 people, select a 12-14-pound bird.

A frozen goose must be thawed com-pletely before cooking. To do so, leave the bird in its original wrap, place in a paper bag, then let stand at room tem-perature for about 10 hours or in the refrigerator for 1½ to 2 days.

Roasting a goose

Remove giblets from body cavity and re-serve for sauce (directions follow). Pull out and discard lumps of fat in neck and body cavities. Rinse bird with cold water, drain, and pat dry with paper towels. With a fork, prick skin at ½-inch inter-vals in thigh and lower breast areas. Turn bird breast side down and fasten neck skin to back with a skewer. Tuck drum-stick into the loose skin at bottom of cav-ity or tie drumsticks together.

Place goose breast-down on a rack in a large roasting pan (at least 11 by inches). Roast in a 400° oven for 1 hour

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every 30 minutes, ladle out fat accumulating in roasting pan (or siphon out with bulb baster); reserve 2 tablespoons for giblet sauce. Chill (to firm) and discard fat or save for other cooking uses.

After goose has cooked 1 hour, reduce oven temperature to 325°. Protecting your hands, turn goose breast-up on rack and insert a meat thermometer into deepest part of breast, without touching bone. Continue roasting bird and siphoning fat from pan until thermometer registers 175°; it takes about 1¾ hours for a 10-pound bird, up to 2¾ hours for a large 15-pounder (allow about 11 minutes per pound).

Lift goose from roasting pan, remove skewers and string (if used), and place breast-up on a serving platter. (Reserve browned particles in pan for giblet sauce.) Surround goose with Port-poached Apples and Prunes (recipe follows). Carve on a separate board as directed at right. Pass around the Giblet Wine Sauce.

Giblet Wine Sauce. Chop goose giblets (reserve liver for other uses) and set aside. Pour 2 tablespoons reserved goose fat into a 2- to 3-quart pan and set over medium-high heat. Add the giblets; cook, stirring, until well browned. Add 1 small onion, chopped; sauté until golden. Add 2 cups water; 1 chicken bouillon cube; 1 stalk celery, cut into pieces; 1 bay leaf; and ¼ teaspoon thyme leaves. Cover and simmer 1½ to 2 hours while goose roasts.

To browned particles in roasting pan, add hot giblet stock and vegetables; scrape browned bits free. Pour mixture through a wire strainer into a 1- to 2-quart pan; discard residue. Boil liquid rapidly to reduce to 1¼ cups. Add ½ cup port; return to boiling. Season with salt and pepper and serve; or, if desired, thicken juices by stirring in 1½ tablespoons cornstarch mixed with 1½ tablespoons water; stir until sauce boils and thickens, about 1 minute.

Port-poached Apples and Prunes. Heat 1½ cups port wine in a pan just until hot. Add 2 cups (12 oz.) pitted prunes and let stand 10 minutes; drain off port and reserve. Meanwhile peel, core, and quarter 4 or 5 Golden Delicious apples.

In a 10- to 12-inch frying pan, melt 2 tablespoons butter or margarine and add 2 tablespoons lemon juice and the apples; turn fruit until moistened. Add reserved port; cover and simmer on medium-low heat until apples begin to soften, about 4 minutes. (At this point you can set aside and finish cooking just before serving.) Uncover, add the prunes, and cook on high heat, turning fruit gently but frequently until apples look translucent a port sauce clings to fruit, about 2 minu longer. Arrange on serving platter w roast goose. Serves 6 to 10.

Carving the bird

To simplify this task, after presenting goose for family and guests to view its serving platter, transfer it to a s arate carving board. As meat is cut, pl it on serving platter.

Cut off tips and first joints of the wi Holding remaining wing section w fingers, sever from body by forcing k through side of breast into joint w twisting wing.

A goose's hip joints are almost at backbone. To carve the legs, turn go breast side down and cut through b skin to expose joints next to center ba Anchor a fork firmly in thigh and p drumstick down to board; then cut tween leg and body at joint. Repeat other leg. Separate thighs and drumsti at joints, then cut along bone to div each into 2 pieces.

Remove each side of breast by slidi knife between meat and keel bone. down to breast bone along wishbone around to wing joint. Cut meat free one piece; thinly slice each breast cr wise. Trim off any clinging pieces meat from the carcass.

Princella Yams.
Too good for holidays onl

Enjoy the delicate sweet taste and deep rich color of Princella Yams. They provide a nutritious companion to any entree. Princella Yams are high in vitamins and fiber content. For exciting new ways to prepare Princella yams, try our Apricot Glazed Yams and send for our FREE Ordinary Made Extraordinary Yam Cookbooklet.

APRICOT GLAZED YAMS

- 1 16 oz. or 29 oz. can of Princella Yams, drained
- 1 17 oz. can of apricot halves
- 3 tablespoons brown sugar
- 1 tablespoon cornstarch
- ¼ teaspoon salt
- ⅛ teaspoon ground cinnamon
- ⅓ cup light raisins
- 3 tablespoons dry sherry
- ½ teaspoon grated orange peel

Drain Princella Yams and arrange in a 10 x 6 x 2 inch baking dish. Drain apricots, reserving syrup; add water, as required, to equal 1 cup liquid and set aside. Arrange apricot halves over yams. In a saucepan, combine brown sugar, cornstarch, salt, and cinnamon; stir in apricot syrup and raisins. Cook over high heat, stirring constantly until mixture boils; stir in sherry and grated orange peel. Pour mixture over yams and apricots. Bake uncovered in 350° oven, basting occasionally, for 20 minutes, or until well glazed. Serves 4 to 6.

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¾ cup salad oil
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½ teaspoon salt
¼ teaspoon pepper

Blend ingredients and refrigerate.
Variations: (1) Add 2 TBS. Grey Poupon® Dijon Mustard or (2) Add 1 egg or (3) Add ¾ tsp. oregano and 1 clove garlic, crushed.

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Coffee cup cupcake, custard

Both these party desserts are served coffee cups. The first is for nut-toppe mocha-flavored cupcakes. You bake an serve them in the same cups, warm c cool, with a scoop of coffee ice crean Our second is a cool chocolate mixtur served in demitasse cups like *pots d crème*. It tastes as if you'd spent hou preparing it, but actually takes only minutes in the blender.

Coffee Cup Cupcakes

- 3 tablespoons instant coffee
- ¼ cup *each* cocoa and boiling water
- ⅓ cup milk
- ½ teaspoon vanilla
- 2 tablespoons butter or margarine
- 1 cup sugar
- 2 eggs
- 1¼ cups cake flour
- ¾ teaspoon soda
- ⅓ cup *each* chopped nuts and semisweet chocolate baking chips
- Coffee ice cream (optional)

Mix together the coffee, cocoa, and ho water until coffee and cocoa dissolve Stir in the milk and vanilla.

In a large bowl, beat together the butte sugar, and eggs until very light an creamy. Stir together the flour and soda mix into butter mixture alternately wit chocolate mixture until well blended.

Grease 8 to 10 (6 to 8-oz. size) coffee tea cups (almost all ceramic cups wit baked-on glaze are able to withstand th recipe's baking temperature). Place ther several inches apart on a large bakin sheet. Distribute batter evenly among th cups, filling each about half full. Sprinkl tops with the nuts and chips. Bake in 375° oven for 25 minutes or until a pic inserted in center comes out clean. Coo on wire racks. Serve warm or cool, wit ice cream if desired. Serves 8 to 10.—*A. M., Stockton, Calif.*

Petite Chocolate Custards

- 1 egg
- 1 package (6 oz.) semisweet chocolate baking chips
- 2 tablespoons sugar
- 1 teaspoon vanilla
- Dash of salt
- ¾ cup milk
- Sweetened whipped cream

Place egg, chocolate chips, sugar, vanill and salt in a blender. Heat milk just unt it simmers; add to other ingredients i blender and whirl on low speed for minute. Pour equal portions into 6 (4-o size) demitasse cups. Chill until firm, a least 3 hours. Serve with whipped cream Serves 6.

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GLENN CHRISTIANSEN

Just before baking, *paint loaves with egg yolk to create your own holiday greeting. For gift-giving, wrap loaves in cellophane, tie with bows*

Your greeting goes right on the loaf . . . with egg yolk, paintbrush

With egg yolk and a paintbrush, you can make loaves of bread that are personalized holiday gifts. As the bread bakes, the egg yolk darkens, contrasting dramatically with the golden crust.

Let the shaped loaves of this anise and orange sweet bread rise until they're almost ready to bake. Then paint on festive designs, names, or greetings with a watercolor brush dipped in egg yolk that's thinned slightly with water. It's important to decide ahead what you want to paint on the loaves (you might sketch it out on paper first) so the loaves won't overproof while you're painting.

Because the loaves have risen twice and the egg yolk is thick enough to stay in place as you paint, your strokes won't become distorted in the oven. Keep in mind that the egg yolk darkens considerably as the loaf bakes; if you overlay your painted strokes, the results will be darker than shown above.

Painted Christmas Loaves

- 2 packages active dry yeast
- ½ cup warm water (about 110°)
- ¾ cup milk
- ½ cup (¼ lb.) butter or margarine
- ¾ cup sugar
- 3 eggs
- 1½ teaspoons *each* salt and crushed anise seeds
- 1½ teaspoons grated orange peel
- 6 to 6¼ cups all-purpose flour
- 2 egg yolks
- ⅛ teaspoon water

In a large mixer bowl, let the yeast soften in the warm water for about 5 minutes. Meanwhile, in a 1½- to 2-quart pan, combine the milk and butter (cut into chunks). Warm over medium heat to 110° (butter need not melt completely).

Add milk mixture to yeast, then stir in the sugar, eggs, salt, anise, and peel. With an electric mixer, gradually beat in 4 cups of the flour, scraping bowl often. Beat on medium speed for 8 minutes.

With a heavy-duty mixer or spoon, gra ually beat in enough of the remaini flour (about 1¾ cups) to form a mo erately stiff dough. Turn dough out on a floured board and knead until smoo and no longer sticky, about 5 minut Turn dough over in a greased bow cover with plastic wrap, and let rise a warm place until doubled in size, abo 1½ hours.

Punch down dough, turn out, and kne on a lightly floured board. Divide into or 4 equal pieces. Shape each piece in a smooth ball and place, smooth side and well apart, on 2 greased 12- by 1 inch baking sheets.

Flatten each ball of dough slightly wi your hands or with a rolling pin f oval-shaped loaves. Cover with plas wrap and let rise in a warm place un almost double, about 45 minutes to hour (allow the last 5 to 10 minutes rising for painting the loaves).

With a fork, stir the egg yolks with t ⅛ teaspoon water. Dip a thick or th watercolor brush into the egg yolk a paint your designs or words on the brea Work quickly, allowing 5 to 10 minut total for painting.

Bake in a 325° oven until loaves are rich golden color, about 20 to 25 mi utes. Slide loaves onto wire racks to co Serve or wrap airtight to store at roo temperature as long as 1 day, or free for longer storage. Makes 2 large or small loaves.

GENERAL FOODS

Stuff your holiday turkey with something special.

Go all out with Stove Top® Stuffing and BinB® Mushrooms or Gorton's® Clams.

In-The-Bird Stuffing

Combine contents of Vegetable/Seasoning Packet from 1 package (6 oz.) STOVE TOP® Chicken Flavor Stuffing Mix, 1/4 cup butter or margarine, ut in pieces, and 1-1/2 cups hot water in a bowl; stir to partially melt butter. Add ffing Crumbs; stir to moisten. Makes 6 servings. Do not stuff bird until ready to st. For 5-to-7-pound bird use recipe above, for 8-to-12-pound turkey, double recipe; for 13-to-20-pound turkey, triple the recipe. (Or, bake stuffing in 1-quart sserole, uncovered, at 400° for 25 minutes.)

Mushroom Stuffing

ain 1 can (6 oz.) BinB® Mushroom Pieces and Stems, reserving liquid. Add very water to liquid to make 1-1/2 cups. Prepare In-The-Bird Stuffing as directed, bstituting measured liquid for the water and adding mushrooms with the Stuffing mbs. Garnish with BinB® Whole Mushroom Crowns, if desired.

In-The-Bird Stuffing

Combine contents of Vegetable/Seasoning Packet from 1 package (6 oz.) STOVE TOP® Chicken Flavor Stuffing Mix, 1/4 cup butter or margarine, cut in pieces, and 1-1/2 cups hot water in a bowl; stir to partially melt butter. Add Stuffing Crumbs; stir to moisten. Makes 6 servings. Do not stuff bird until ready to roast. For 5-to-7-pound bird, use recipe above; for 8-to-12-pound turkey, double the recipe; for 13-to-20-pound turkey, triple the recipe. (Or, bake stuffing in 1-quart casserole, uncovered, at 400° for 25 minutes.)

Clam Stuffing

Drain 1 can (6-1/2 oz.) GORTON'S® Minced or Chopped Clams, reserving liquid. Add very hot water to liquid to make 1-1/2 cups. Prepare In-The-Bird Stuffing as directed, substituting clams and measured liquid for the water.

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)ECEMBER IN YOUR GARDEN:

Last-minute bulbs, early-bird pruning and spraying, garden ideas for and from the garden

·ocrastinating gardeners love Decem- r—almost any gardening chore you ight do this month could wait until xt. This includes pruning of dormant ;es and shrubs, preparing for bare-root anting, and dormant spraying. Don't t too lazy, however. Tender plants will preciate protection if frost is pre- cted.

ore energetic gardeners can finish last- inute bulb planting, put in some peren- als and vegetables, and shop for holi- y plants. (See check list, page 192.)

are seeds available rough seed exchange

you have not yet become a member of e California Horticultural Society, you ight consider joining now to take ad- ntage of the annual seed exchange ogram. (You must join before the end December to participate in this sea- n's seed exchange.)

ıch January, an extensive seed list is ıblished, and members are allowed to oose 12 selections. More than 200 ants are included on the seed list, nich features many California natives, ants from the Southern Hemisphere, sian plants, and numerous other bulbs, ıuals, perennials, vines, trees, shrubs, ıd ground covers.

ne seeds are donated by individuals, ›tanical gardens, arboretums, and par- :ipants in botanical expeditions. Many e unavailable except through the seed .change.

› join, send $17.50 annual fee ($20 for int membership, $10 for students) to alifornia Horticultural Society, c/o Irs. Karl B. Mueller, 1847 34th Ave., ın Francisco 94122. Membership en- :les you to receive the monthly bulletin :scribing the society's activities, which include a lecture and plant discussion ın San Francisco each month. You will also get a year's subscription to *Pacific Horticulture,* a quarterly magazine with articles on a wide variety of horticultural subjects.

Control snails with cleanup, varied diet

Snails perk up with longer, damper nights of December, and you may find them helping themselves to tender greenery. One way to discourage these invaders is to keep the garden free of debris. Be sure to remove spent summer annuals and any other garden refuse that could provide an inviting spot for snails to hide in daytime.

A recent report from the University of California indicates that snails may get "bored" with the same bait. You can reduce this problem by switching every few weeks between baits with different active ingredients and attractants.

The report also notes that since snails may be only stunned temporarily by baits that contain metaldehyde, you might place this bait where sun will shine on it the next day so the heat will finish the snails off.

Drought-tolerant plant book available in revised edition

If you are looking for a stocking stuffer for a gardening friend, consider ordering the latest edition of *Plants for California Landscapes: A Catalog of Drought-Tolerant Plants.* The recently revised edition of this excellent 131-page paperback is available for $1.60 from the Department of Water Resources, Box 388, Sacramento 95802.

The book divides the plants listed into general categories (such as ground covers, trees, shrubs, vines), which makes for easy browsing. Included are sections on fire-retardant, wind-resistant, and other special-purpose plants.

Although many native California plants are listed, drought-tolerant non-natives are included as well. The revised edition incorporates changes suggested by readers and reviewers. The listings also reflect the current availability of plants at most nurseries. Although there are no illustrations for most of the plants listed, nine are shown in color photographs.

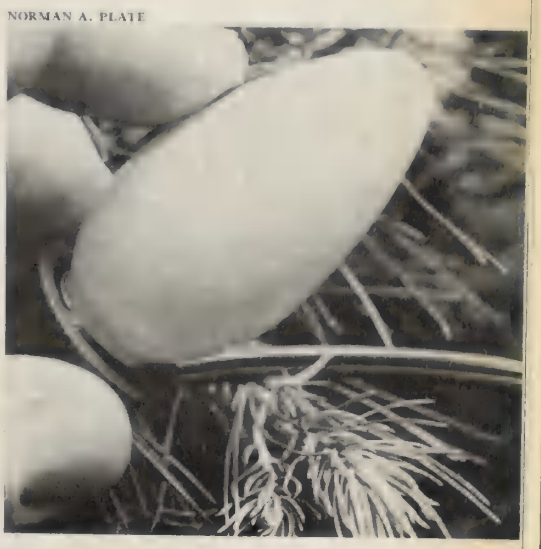
Sunset's
GARDEN GUIDE

Do hot tree lights damage living Christmas trees?

The answer to that question seems to be "yes and no."

Last Christmas we tried two types of light that burn hot to the touch on eight living Christmas trees (two each of white

NORMAN A. PLATE



Scorched *by a hot tree light, needles on a living Christmas tree look permanently damaged—but see item above*

rgreens from the garden

: a few sprigs of gray and variegated junipers and some pittosporum pods into a chunk of florist's foam to make a handsome candle display. with closed green-to-tan pittosporum pods; after a few days ors, they'll open to reveal glistening red seeds. The water-drenched ı will keep foliage fresh for about three weeks.

slow-burning, dripless candles, and light them only when will be present. For other decorating ideas using garden clippings, ›ages 96 and 212.

Sunset's GARDEN GUIDE

fir, Douglas fir, Colorado spruce, Aleppo pine). Four trees were decorated with big outdoor lights ("C-9¼ lamps" is as close as the box label comes to expressing wattage); the other four were strung with "cool-burning" 5-watt bulbs. Lights were turned on 8 hours a day for two weeks indoors during the holidays.

On all trees, needles and buds touched by the lamps dried and turned brown after several days. The large outdoor bulbs made bigger scorch marks than the 5-watters.

Then we asked eight skilled home gardeners each to keep one of the test trees outdoors through the year. In October, we looked for visible damage. There was none on any tree. Apparently, the scorched needles fell off and perhaps some new green ones replaced them.

Little peanut-size lights that never get hot to the touch were not included in the test.

Give your berries some support

Dormant blackberry and raspberry plants will be appearing in nurseries later this month and next, so now is a good time to build trellises if you are planning to put in berries. (Choose a sunny spot for your berry beds and prepare the soil with plenty of organic matter.)

Although there are many ways to train cane berries, a multilevel trellis such as the one pictured here in Alton Johnson's Aptos, California, garden is particularly good since the young canes can first be supported on the lower level, and trained up as they grow.

The main support posts are 5½-foot-tall 4 by 4's sunk 1½ feet into the ground (a concrete footing is poured around the base of each post). The posts are spaced 6 feet apart. Sturdy wire stretches between the 2½-foot-long crossbars (made from 2 by 4's).

Mr. Johnson added some 1 by 2's between the wires on each level to further support his blackberry canes (see photograph at right). □

DARROW M. W

Sturdy three-level trellises *supp*
12-foot-long beds of 'Olal
blackberries in garden near Santa C

DECEMBER CHECK LIST: *Here are winter chores*

☐ **Care for holiday plants.** Flowering plants such as azaleas and cyclamen will last longer if you keep them in a cool spot away from heater blowers. Remove decorative foil or punch holes in the bottom to make sure that water can drain out. Give the plants plenty of indirect light.

☐ **Care for lawns.** Rake up fallen leaves so grass won't get smothered. And don't walk on dichondra the morning of a frost—your footsteps will crush frost-nipped leaves and create brown patches.

☐ **Plant bulbs.** It's not too late to plant Dutch bulbs—especially hyacinths and tulips. Nurseries may be sold out of top-quality bulbs this late in the season, but close-out sales often offer bargains. For most of northern California, there's still time to plant bulbs for spring bloom.

Amaryllis (naked lady), anemones, callas, and ranunculus can go in the ground now or next month. Gladiolus and lilies should be planted as soon as you get them.

☐ **Plant camellias.** You will find many early Japonica and Sasanqua camellias in bloom now. This is a good time to plant them unless soil is wet from winter rains; if it is, keep camellias in their containers until soil dries out. Be sure to plant with trunk base above the soil line.

☐ **Plant perennials.** Polyanthus primroses are available in some nurseries this month. Field-grown plants will start to bloom now; smaller seedlings may not begin until January or February. Buy and plant bare-root perennials now, or order some by mail for early spring planting (see last month's *Sunset*, page 119, for mail-order sources). Some to look for include astilbe, bleeding heart, gypsophila, hosta, lily-of-the-valley, Oriental poppy, peony, phlox.

☐ **Plant vegetables.** You can set out bare-root plants of perennial vegetables such as artichoke and asparagus this month or next. Also, sow seeds of lettuce and bunching onions. Put out broccoli seedlings.

☐ **Protect plants from frost.** The year's coldest nights usually come in December; listen to the weather forecasts so you can protect plants from frost. Use a temporary covering of old drip cloths, tarpaulins, or sheets draped over stakes to shelter tender plants such as bougainvillea, citrus, fuchsias, hibiscus, and jade plants.

☐ **Prune.** Now is the time to shape and thin out conifers and broad-leafed evergreen trees to open up dense growth and prevent winter storm damage. Use the trimmings for holiday decoration. Boughs cut from Douglas fir, true fir (*Abies*), giant sequoia, incense cedar, junipers, pine, and redwood last well indoors; so do branches of magnolia, holly, pittosporum, and viburnum. Prunings from some deciduous trees and shrubs also make attractive decorations, see page 96.

☐ **Spray.** Now is the time for dormant spraying to control peach leaf curl on peaches and nectarines. Repeat the spraying in January or early February. You can apply dormant sprays to other deciduous flowering fruit trees and roses once the leaves have dropped.

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Keeping your tree as fresh as possible

It starts when you cut it...and recut it. Then you water it...and keep watering it

A fresh-cut Christmas tree brought indoors can stay fresh and relatively fire-safe during its holiday stay. Here we list six things you can do to keep your tree moist, green, and fragrant, and give it a measure of fire resistance.

Moisture is the key.

A cut tree is like a cut flower—neither will last very long without water. Commercial preservatives go plain water one better by providing ingredients that resemble the materials in the living tree's sap. Homemade brews attempt to duplicate natural chemicals, but it turns out that household mixtures aren't refined and precise enough to do the job.

Six steps for a fresh tree

- *Recut the trunk* of a cut tree at least 1 inch above the old cut when you get home. This removes the air-filled tissue around the old cut and opens up the tree's vascular system, allowing the tree to continue to pull moisture up into its foliage. If a tree has been cut and stored for several weeks, it probably won't take up much moisture.
- *Keep it moist.* Moisture keeps the tree fresh and enhances fire resistance. Put the tree in water immediately after it is recut. Even if the tree won't be set up in the house for a few days, stand it in a bucket of water outside until you're ready to bring it indoors. Lukewarm water is taken up more readily by the tree than cold water. Moisture loss is also caused by exposure to wind, warm and dry indoor atmosphere, and direct sunlight, as well as proximity to a fireplace or other heat source. All of these factors cause excess evaporation.
- *Clean the stand's reservoir* by rinsing it with a capful of bleach mixed in water before you put the tree in. This reduces the number of microscopic organisms than can block the tree's water uptake.
- *Keep it cool.* Turn off Christmas lights when not in use—or use cool-burning lamps. Never leave a lighted tree unattended. Turn down room heat at night.
- *Add fresh water* to the reservoir daily. Never let the trunk base go dry. A stand with a large water basin will need less frequent refilling. Commercial floral or tree preservatives can also be adde the water (see fire test pictures belov
- *Mist the tree lightly,* if possible, t duce evaporation through the fo and slow the drying process. Do while tree lights are turned off.

Tree-preservative test ... with some surprising results

Last year, we compared five preserving solutions for their effec tree freshness and fire resistance. the commercial preservative, we c a widely available brand.) The test repeated three times—each time two freshly cut, farm-grown Dou firs, 3 to 4 feet tall, kept in each kin solution for 12 days. The trees evaluated daily for overall freshness solution uptake. Results were the s in all three tests.

On the 12th day, each tree was exp to a burning candle. The pictures b were taken 10 seconds later. One didn't ignite in 10 seconds—but rem ber that no tree, no matter how tre can resist long exposure to flame.

How good are tree preservatives? We kept trees in 5 kinds for 12 days...then tried to set them on fire

Home brew #1. *Tree went up like a torch in 2 seconds, throwing flames at camera. It took up the least solution (with sugar, iron, antiseptic); foliage was the driest*

Home brew #2. *Fir caught fire in 2 seco and burned quickly. Recipe contained antiseptics, nutrients, and an alleged fire retardant. Tree was very dry, brittle*

peedy mechanical wrap *for trees is free or costs less than $2 at most farms*

andled up *at the farm for the trip home, large tree at right is much easier to handle. andling also cuts exposure to highway wind*

MICHAEL THOMPSON

Make a fresh cut *1 to 2 inches above original cut at base of trunk. Put tree in water immediately*

ain water. *Tree caught fire in 5 seconds d burned slowly. It had taken up ore solution than home brews, less than e next two; foliage was green, moist*

Water and aspirin. *Tree caught fire at 6 seconds and smoked heavily. Aspirin makes the solution slightly acid; we dissolved 4 tablets in a quart of warm water*

Commercial preservative. *At 10 seconds tree had not caught fire. It had taken up the most solution (containing sugars, antiseptic, pH lowering agent); foliage was very moist*

DARROW M. WATT

All about Sauerkraut

by Dee McGregor®
Nationally known home economist

"HOLIDAY APPETIZERS"

These tempting hot and cold Steinfeld's Kraut Appetizers may be made ahead, ready to greet guests at holiday time.

KRAUT CHEESE LOG

1 jar (32 oz.) Steinfeld's sauerkraut
2 cups grated sharp Cheddar cheese
¼ cup chopped onion
2 tablespoons diced pimiento
3 tablespoons chopped green pepper
1 hard cooked egg, chopped
½ cup fine dry bread crumbs
¼ cup mayonnaise
1 tablespoon sugar
1 package (8 oz.) cream cheese
2 tablespoons milk
Pimiento stuffed olives, sliced

Drain kraut and chop fine. Blend well with next 8 ingredients. Shape into roll and refrigerate 1 to 2 days. To serve, blend cream cheese with milk and spread over roll. Garnish with sliced olives. Serve with a variety of crackers or thinly sliced party rye bread.

CHAFING DISH KRAUT APPETIZERS

Drain and chop 1 jar (16 oz.) Steinfeld's sauerkraut and mix well with 1 pound ground beef, ½ cup diced onion, 2 eggs, 2 tablespoons flour, ¼ cup mashed potatoes and 2 tablespoons chopped parsley. Shape into balls and roll in bread crumbs. Brown in hot oil and serve in chafing dish with hot mustard sauce for dipping.

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DAVID ST

He's comparing *1-gallon and 5-gallon sizes of 'Blue Princess' holly. Small size (about $6) grows fast; larger size (about $17) gives immediate effect*

Hollies with surprises . . . blue-green leaves, blue-purple stems

If you haven't looked at hollies in the past few years, you have a surprise in store. These traditional Christmas berry shrubs are now available with deep blue-green leaves or with blue-purple stems, or both—a dramatic departure from old-time green holly.

The blue tinge was introduced when an amateur hybridizer crossed the traditional Christmas holly, *Ilex aquifolium*, with *Ilex* species from cold northern Japan. The resulting varieties were a breakthrough in color and hardiness.

Along with standard green hollies, these five blue ones are now available in many nurseries. Because most holly plants are either male or female, buy one male with the females so you'll get plenty of berries (males have no berries).

'Blue Angel'. A 6- to 8-foot plant with crinkled, glossy, blue-green leaves that turn blue-purple in winter. The purple color is more pronounced in cold-winter areas. Berries are large and scarlet.

'Blue Maid'. A broad, pyramidal plant that grows to 15 feet and is hardiest of these five. It has medium blue-green leaves and large, brilliant red berries.

'Blue Prince'. This is a male plant needed to pollinate most other varieties in order to produce berries. It has dark green leaves and purplish blue stems. It blooms continuously through summer. 'Blue Prince' grows upright quickly about 15 feet, making it a good plant hedge use.

'Blue Princess'. A 12- to 15-foot pla profusely bearing large clusters of bri red berries. It has dark, lustrous, blu green leaves and, like 'Blue Prince', good as a hedge.

'Blue Stallion'. This male pollinator h smooth leaves that don't snag clothin It blooms all season and is a more v orous grower than 'Blue Prince'. Use along walkways.

Care of the blue hollies

These are tough, reliable evergre shrubs. They do even better in mou tain climates than in mild-winter are

A holly does best in rich garden soil th is slightly acid, so prepare planting ho by mixing plenty of peat moss with n tive soil. This also helps ensure go drainage, a necessity. Plants adapt to su or shade, but are compact and most fru ful in sun.

Water amply. Apply a thick layer mulch rather than cultivating the soil.

Any holly can become infested with sca and mealybug. In the Northwest, al watch for holly bud moth and leaf mine Use oil spray in late March for scale ar bud moth; spray with malathion or systemic insecticide during May for le miner or mealybug.

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Cutting branchlets *with scarlet berries for Christmas decorations can improve plant form*

California has no true native holly, in toyon (*Heteromeles arbutifolia*) it a substitute that rivals true holly in liage quality and surpasses it in brillia of fruit.

Often called California holly or Chr mas berry, toyon grows wild through California's Coast Ranges and in lower elevations of the Sierra Neva In gardens, it grows almost anywhere western Washington and Oregon a anywhere in California outside the hig mountains.

Give it sun or light shade and go drainage. It can endure drought once tablished (except in the desert), but profits from summer water.

Growth is generally a shrubby 6 to feet, but toyon can become a sing trunked or many-stemmed tree to feet or more, especially if reaching the sun in woodland conditions.

Leaves are evergreen, leathery, stron toothed at the edges (but not spined l true holly), and deep green in col White flower clusters decorate bran ends in summer, long after most nat shrubs have finished bloom. Large cl ters of ¼-inch berries follow, colori red by October and November and la ing in glory through January or ev later. Birds eat them, but usually n until they have exhausted the neighb hood pyracantha fruit. (In fact, bi sown volunteer seedlings are common

If your garden doesn't have a toyo December is a good month to plant o If you have one, cut fruiting branchl freely for decorating. You won't sac fice any of next year's fruit (it will a pear on new wood), and you can impro the shape of your plant by thinning curbing excessive growth.

Problems are few. Control fireblight cutting out the scorched-looking grow cutting well below damaged wood a sterilizing shears between cuts (hous hold bleach will work). Eliminate soo mildew by controlling sucking inse that create honeydew.

California holly . . . handsome foliage, Christmas berries

Usually *shrubby, toyon can reach tree size. This 20-footer grows near California's Tomales Bay. White, fluffy blossom clusters appear in June, July. Bees love them*

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s sophisticated recipe – not half ich as the usual liver pates – is a l discovery. You make it with Blue mond® whole natural almonds, e of five ready-to-go forms of Blue mond® cooking almonds. (From top in jar: chopped, blanched ole, sliced natural, whole natural, nched slivered.) Each adds ture, eye appeal and wonderful vor to foods.

ALMOND MUSHROOM PATÉ

1/2 small onion, quartered
1 small clove garlic
1/2 pound fresh mushrooms, halved
2 tablespoons butter
1/4 teaspoon salt
1/8 teaspoon tarragon, crushed
Dash white pepper
1 package (10 ounces) Blue Diamond® Blanched Whole Almonds, toasted
1 tablespoon dry sherry
1 tablespoon heavy cream

ood processor with metal blade, ocess onion and garlic with on-off sts until coarsely chopped; aside. Process mush- oms with on-off sts until coarsely opped. Melt tter in medium let, add ion, garlic, shrooms, salt, tarragon and pepper. Cook, stirring occasionally, until most liquid has evaporated. Reserve 2/3 cup almonds for garnish. Process remaining almonds until coarsely chopped. Reserve 2 tablespoons. Process remaining almonds to form a paste. Add mushroom mixture, sherry and cream; process until smooth. Add reserved 2 tablespoons chopped almonds; process with on-off bursts. Cover and chill. Mound paté on serving plate. Garnish with reserved 2/3 cup almonds. Makes about 1½ cups.

BLENDER INSTRUCTIONS: Follow instructions above, using electric blender to chop and grind almonds. Add sherry to ground almonds; blend until smooth. Transfer to bowl. Chop onion, garlic and mushrooms; cook as directed. Add mushroom mixture and cream to blender; puree. Blend thoroughly into almond mixture. Stir in reserved chopped almonds. Finish as recipe directs.

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NORTHERN CALIFORNIA

Berkeley. December 2 through 5. A nual show of holiday decorations u native plant material presented by East Bay Regional Park District. Pla Environmental Education Center Au torium, Tilden Regional Park. Ho 10:30 to noon; repeated 1:30 to 3 e day. Reservations required; call (4 525-2233. Admission: $1.50.

Watsonville. December 4 and 5. Ann Christmas gift fair at the Santa C County Fairgrounds, 2601 E. Lake A Hours: 3 to 9 Friday; 10 to 5 Saturd Admission: $1.50; under 12, free.

Sacramento. December 4, 5, and Christmas show by the Sacramento rangers Guild. Place: Iva Gard Shep Garden and Arts Center, 3330 McKin Blvd. Hours: 2 to 6 Friday; 10 to 6 S urday; 10 to 5 Sunday. Free.

Palo Alto. December 5. Holiday pl sale and demonstration by the Gar Club of Palo Alto. Place: Commun Center, 1305 Middlefield Rd. Hou 10:30 to 4. Admission is free. There be a demonstration of flower arrangi and a plant sale including herbs and s culents, and ivies specially trained i Christmas tree shapes.

Berkeley. Saturday afternoon lectures the East Bay Regional Park Distric Tilden Regional Park. *December 5:* v to holiday decorations show at the vironmental Education Center (above). Hours: 1:30 to 3 P.M. Admissi $1.50. *December 12:* close-up look flowers, Regional Parks Botanic Gar Visitors' Center, Tilden Regional Pa Time: 2 P.M. Free.

Berkeley. December 9 and 12. Lectu on sources of California native plants the East Bay Regional Park Distr Place: Regional Parks Botanic Gar Visitors' Center, Tilden Regional Pa Hours: 10:30 to noon. Free.

Ross. December 11, 12, and 13. Ann Christmas greens sale by the Decorati Guild of the Marin Art and Garden C ter, Sir Francis Drake Blvd. Hours: to 4. Admission is free. The sale will clude wreaths, swags, and table arran ments of fresh greens.

UTAH

Salt Lake City. December 5 and 6. Flo arrangements by the Artistic Design Club. Place: Utah Garden Clubs Activ Center, Sugarhouse Park, 1602 E. 21 South St. Hours: 1 to 5 Saturday; no to 5 Sunday. Free.

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SAMSON B. KN

White 1-inch flowers *of potato vine appear in mild areas almost all year; they bloom fullest in spring and summer*

Arch cover in just six months

Despite its humdrum name, the pot vine (*Solanum jasminoides*) is pretty a can be more useful than many bett known or more exotic vines. It is ev green in the low elevations, takes sun part shade, and grows rapidly in fa draining soil: six months after plant from a gallon can, the vine seen abo (in a coastal garden) reached the top the 7-foot-high arch. There were so blooms as late as December.

Train potato vine up a post or ove trellis, along a wall or railing, or le climb a tree, cover an arbor, or blan a wire fence. Cut it back regularly control runaway growth and encour new flowering wood. In colder ar (where temperatures drop below 20 you might try it in hanging containers

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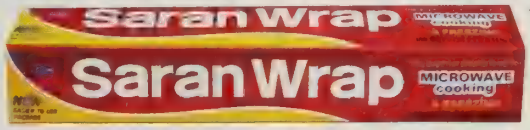

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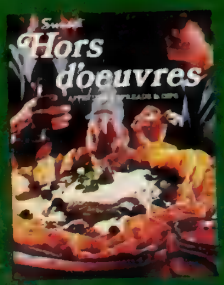

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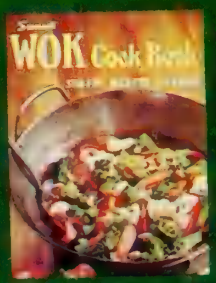

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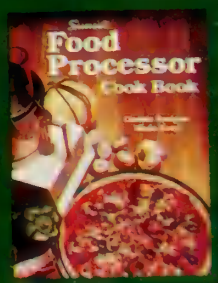

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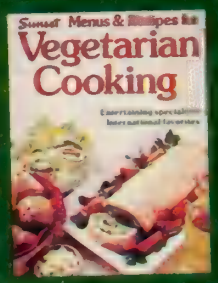

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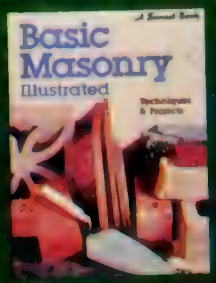

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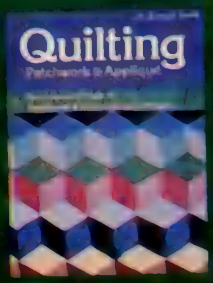

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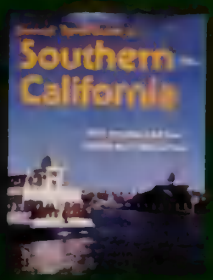

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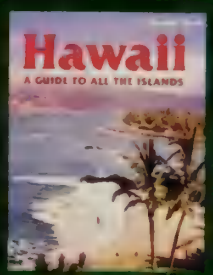

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One's a 458-pager the other's 131 years old

Two rose books, one encyclopedic a the other of interest primarily to rose torians and connoisseurs of rose art, in appeared recently. Either would be handsome gift for a dedicated rosarian yourself or a friend.

Everything you wanted to know . . .

An English translation of Gerd Kri man's classic *Rosen, Rosen, Rosen* v published last month by the Tim Press, Forest Grove, Oregon. Justly titled *The Complete Book of Roses,* 458-page volume is as comprehens a rose book as you will find. Even at $ it seems a bargain.

Although originally written from a Eu pean perspective, the English edition been thoroughly checked and revised American rosarians. The result is an ternational classic. The massive sect that closes the book, over 125 pa long, describes most of the varieties s throughout the world as of 1981. roses and rose species have their o chapters earlier in the book.

The Complete Book of Roses will available at some bookstores, but if y have trouble finding it, you can orde by mail from International Schola Books Services, Inc., Department H, 1632, Beaverton, Ore. 97075.

Painting the rose

Before color photography came alo the finest botanical and garden bo were often illustrated by hand-colo paintings. These originals are now va able not only in illuminating the hist of botany and printing but also beca of their intrinsic artistic merit.

Modern color printing has made it p sible to acquire facsimiles of these bo at moderate prices. One such is *Beauties of the Rose,* by Henry Curti two-volume set originally published England in 1850 and 1853. A nurse man, botanist, and self-confessed "a teur" painter, Curtis proved to be a th ough professional in painting and writ as well. His work is now republished i single volume by the Sweetbrier Press Palo Alto. The 120 pages include color plates, each illustrating a rose v ety current in the gardens of that day.

Only 1,200 copies have been prin Cost is $65, plus $1.75 for handling a mailing (California residents add $4 sales tax). Write to Sweetbrier Press, Emerson St., Palo Alto, Calif. 94301.

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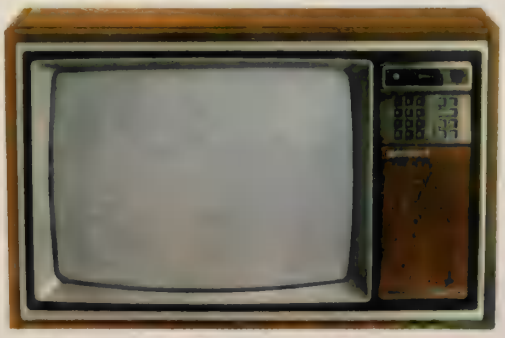

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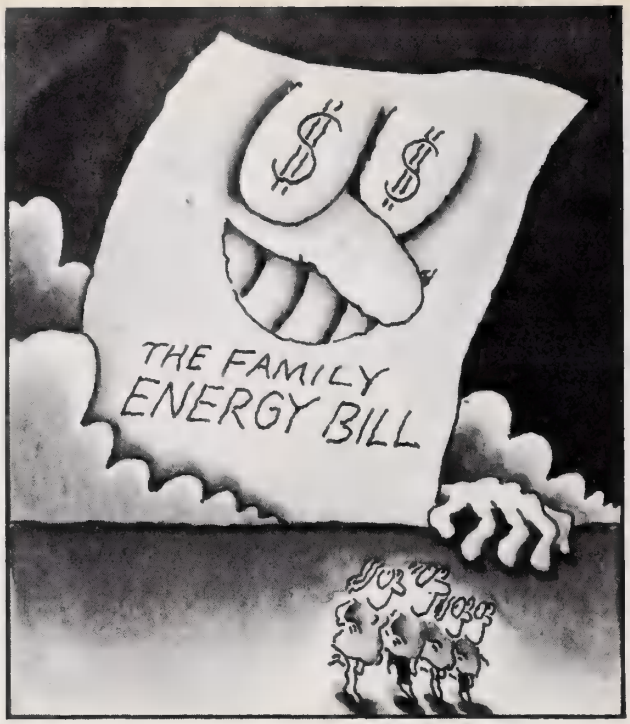

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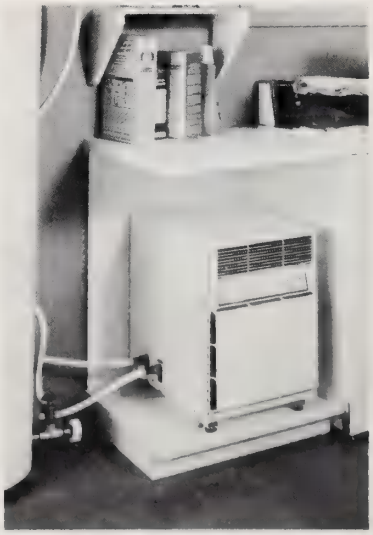

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MICHAEL THOMPSON

ocked with spring seedlings *and house plants in this picture, window greenhouse so works as summer herb garden and winter plant solarium*

All-year greenhouse in the window . . . for less than $200

tting the most from 12 cubic feet of ll-hung greenhouse window demands ne pretty careful management.

ners Bobbie and Mike Thompson of gene, Oregon, had big plans for the oot-deep prefabricated 3- by 4-foot t you see here: they wanted to use it start vegetable and flower seedlings, italize flagging house plants, keep h herbs near the kitchen, and grow y screen to provide privacy from the se next door. That was asking a lot an under-$200 investment (they did installation themselves), but their dow has performed well.

in a sunny, south-facing wall, it starts n year holding standard 11-inch-wide tic flats of seedlings for the spring den. After seedlings have come and e, the window is home for much-used s such as basil, chives, and thyme for forced cherry tomatoes and et peppers (the first of the season). uly, it serves as a nursery again, rais- seedlings for the winter garden.

ing autumn, part of the window s cuttings of geraniums and fuchsias, part holds potted plants that have t the summer outdoors. Most of e stay in place all winter, occasion- joined by light-starved house plants need a lift.

Thompsons were initially disappointed that their greenhouse came with only two shelves, thinking more shelves would mean more room for plants. But they discovered that the usual distance between shelves is 15 to 20 inches: closer spacing would make less light available to plants on lower shelves and defeat the purpose of the structure.

Like standard greenhouses, the window kinds have problems with heat buildup in summer and cold in winter, although house air keeps temperatures from fluctuating too wildly. The model shown here has a built-in screen that keeps insects out when vents are opened for cooling in summer; it doubles as a shadecloth to control summer heat. Unfortunately, the screen isn't removable, so it reduces already-limited sunlight in winter.

Such options as screening, venting, and drainage—as well as factors of size and materials—determine the cost of greenhouse window units, which can range (without installation) from $150 to $700.

Whatever model you use, you'll need to water more often than in other indoor situations (the window's extra heat will dry soil faster) and fertilize less if you want to keep plant growth under control. You should also keep a sharper eye out for mites and insects: the window's warm environment is as good a breeding ground for them as for their hosts. □

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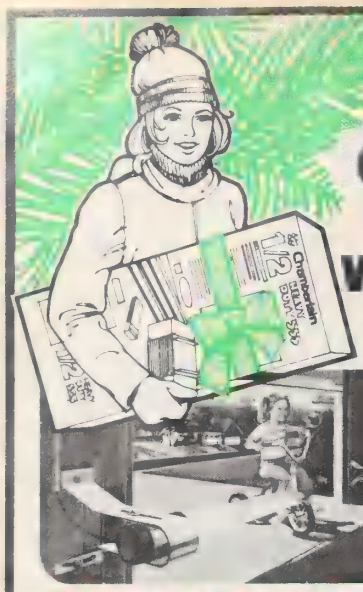
And may the spirit and peace of the holidays be with you throughout the year—



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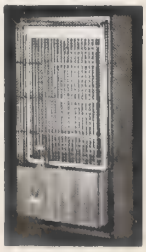

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Outside, display gardens show a plants that have overwintered, but n of the vegetable and flower beds w be at their peak until summer.

To get to Nichols, take exit 234 (2 for southbound traffic) from Interstat drive west to the first light, go righ the boulevard stop sign and right ag onto N.E. Old Salem Road. Nichol ¾ mile north on the left. Hours are 5:30 Monday through Saturday.

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1 . *Cut a block of florist's foam in half, tape securely into shallow bowl, and saturate with water*

2 . *Insert candle and 4- to 12-inch leaves and sprigs. Form basic outline first, angling foliage to cover container*

NORMAN A. PLAT

3 . *Complete arrangement with pods, buds, berries (these are evergreen magnolia). Refill water as needed*

Put together in minutes, arrangements that can last weeks

Sometimes it takes a trained eye to see everyday plants in a special way. We asked floral designer Alisa de Jong Stout of El Cerrito, California, for quick, easy approaches using common but little-utilized clippings from the garden.

Here and on page 190 you see two quite different arrangements made the same way. Each one takes about 20 minutes to make once you gather the materials.

There are two secrets to keeping these arrangements fresh week after week. One is the moisture-holding capacity of florist's foam: it took 4 cups of water to fill the 2-cup bowl pictured above. T other is the choice of long-lasting folia and berries.

Mrs. Stout has been comparing the durance of different plants for yea Some of her other favorite finds for t use include incense cedar or yew folia with golden seed clusters from pa trees; eucalyptus seed pods (with lea stripped off) and blue or purplish juni foliage; cypress or juniper foliage w their own cones plus alder or redwo cones; yew pine podocarpus foliage w clusters of nandina berries.

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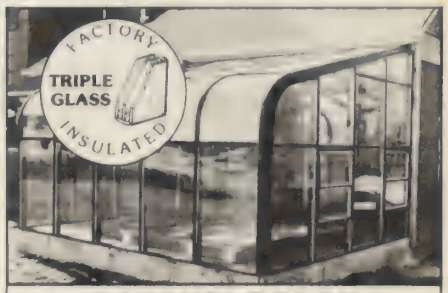

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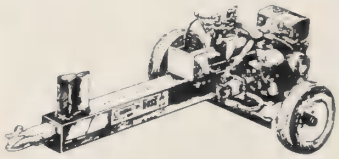

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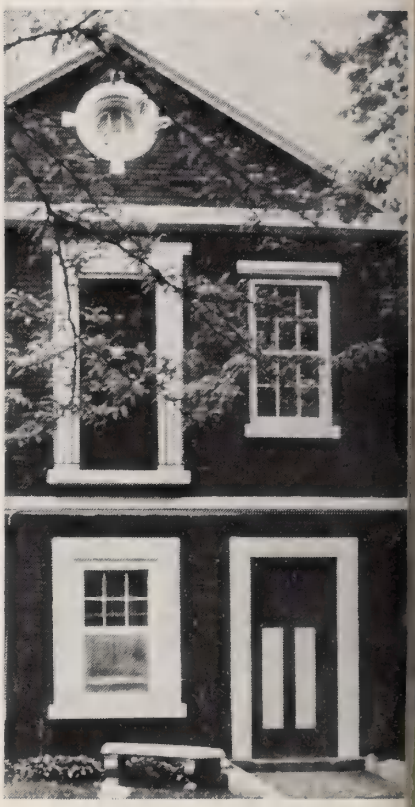

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WILLIAM APLIN

emovable boards *let you to small enclosed lathhouse ithout a gate*

His lathhouse wall can open up

ometimes you want a gate, but then ain you don't.

ne foliage plant fancier shown above ced this predicament. He needed ac- ss to a small lathhouse that shields a rge bathroom window. But what he dn't want was a heavy-looking gate th a sturdy framework.

s solution: instead of opening a gate, dismantles a small section of fence.

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nere's one more reason for not having gate. It would need swinging room on e side or the other. With the slide-out ards, plants can be grown right up to her side of the fence. □

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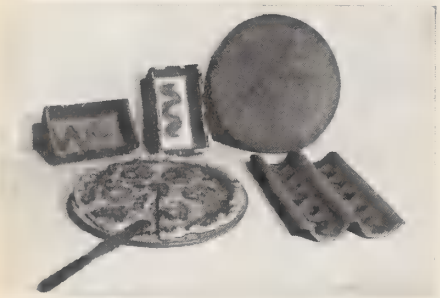

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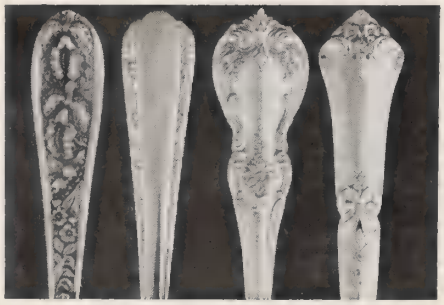

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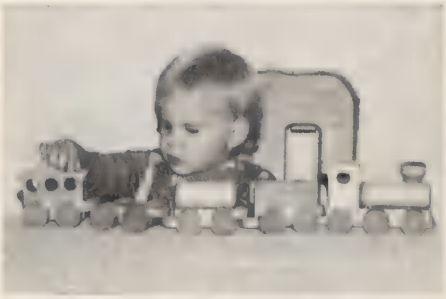

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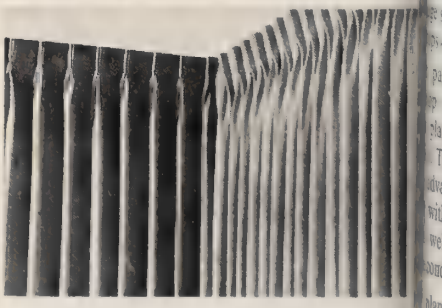

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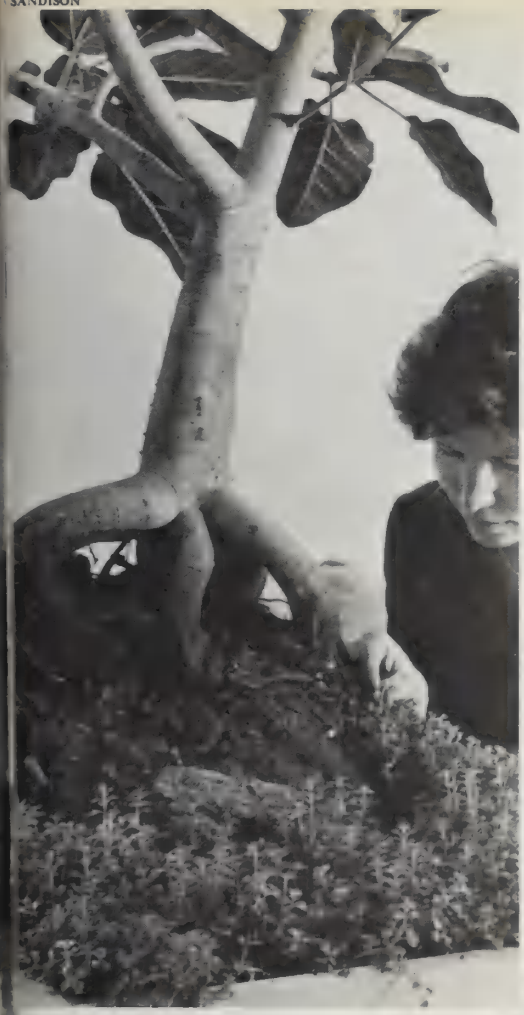

In a shallow box, *rustyleaf fig (Ficus rubiginosa) grows with its roots exposed. Top was pruned and thinned, too*

Close-up view *of another ficus shows how the progressively exposed roots give a tropical look. Baby's tears surround tree's base*

Ficus shows off its jungly roots

ories of gigantic, twisting roots ling along the soil surface beneath ficus trees linger in the minds of y people who have traveled the cs. There, the fig cousins can spread ge sizes, and the visible roots match ops of the trees in grandeur.

patience, creative gardeners can op unusual bonsai-type house or plants from members of the ficus y. The two methods described here advantage of the ficus's ability to with its roots exposed. The first s well with newly purchased plants; econd, with established ones.

plant. If you buy a ficus from a ry or garden center, transplant it a low-sided container so that the all stands above the sides. To hold oil in place, wrap the rootball with p or other coarse cloth. Water the thoroughly from the top, or by erging the container.

the ficus has had time to recover being transplanted—a month at least—remove soil from the tops of the roots closest to the trunk, and adjust the cloth to hold the remaining soil.

When the plant has become accustomed to growing with part of its root system exposed (at least another month), remove a bit more soil. Continue this process until the roots of your plant show about as much as the ones pictured above (about half their depth).

Established plant. Gradually remove soil from the top of the pot, taking away an inch or so at a time. When the roots show about 3 inches, move the plant to a low-sided container.

Patience is important in getting a plant to prosper. Each time you transplant a ficus or uncover more roots, allow plenty of time for the plant to adjust and take care not to damage its roots.

You can bare the roots of any size of ficus with a well-established root system. The weeping fig (*Ficus benjamina*) is the most commonly available kind in nurseries and garden stores. □

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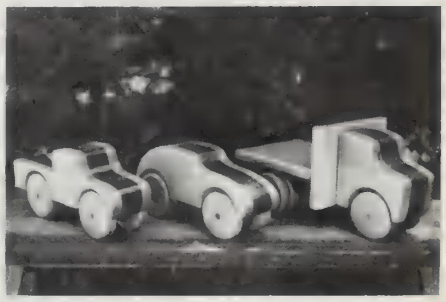

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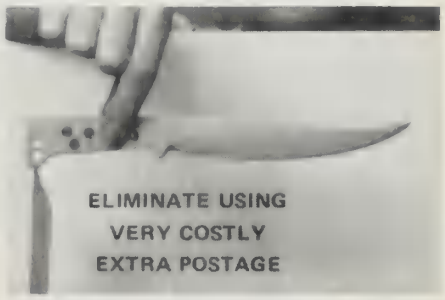

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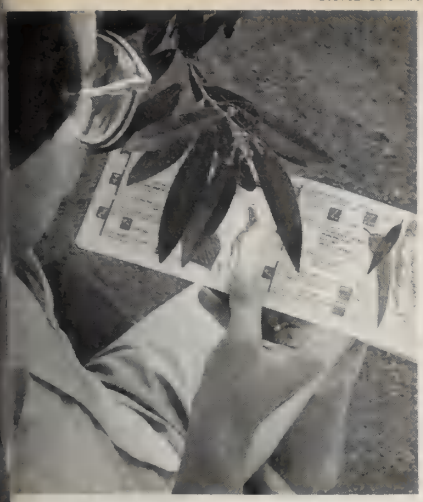

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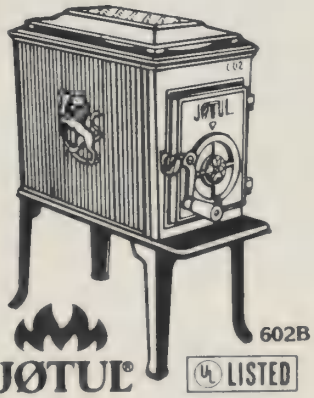

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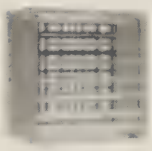

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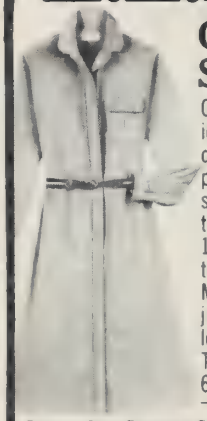

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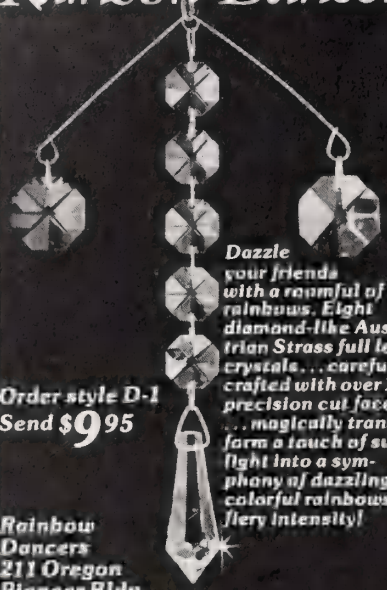

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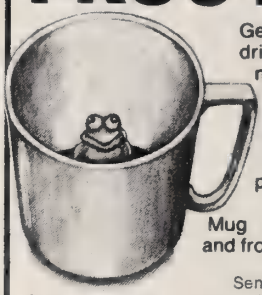

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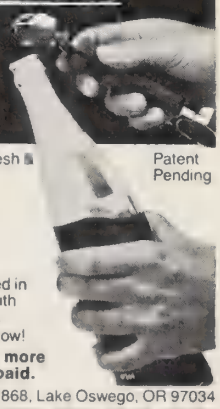

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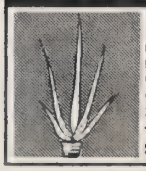

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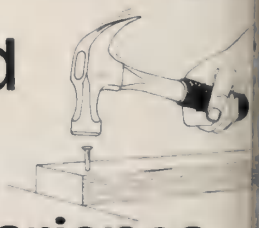

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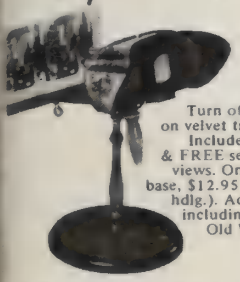

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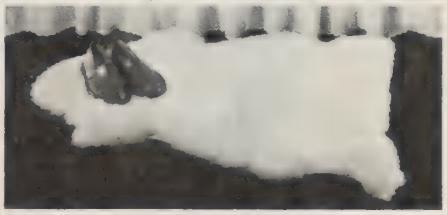

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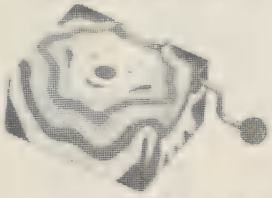

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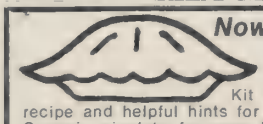

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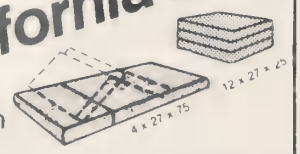

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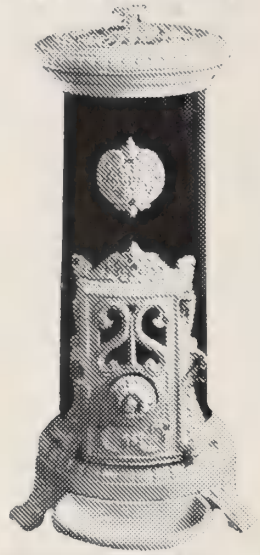

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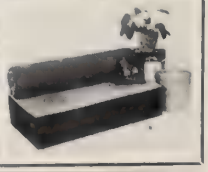

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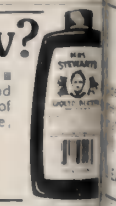

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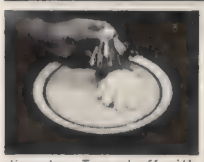

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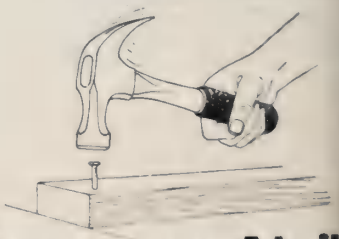

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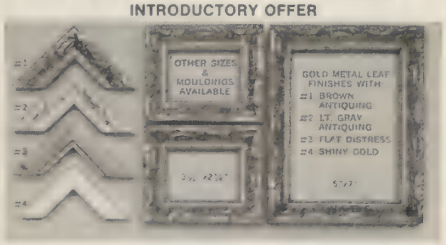

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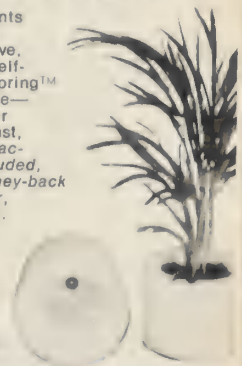

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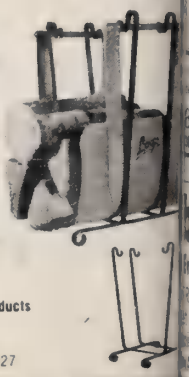

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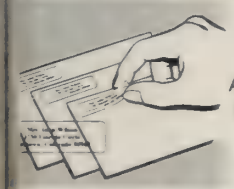

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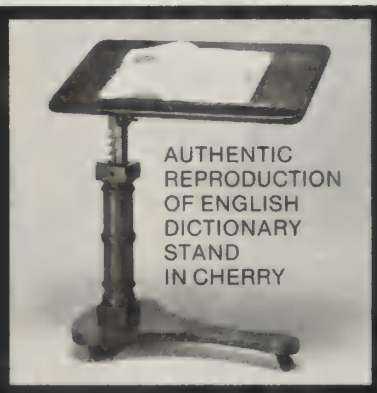

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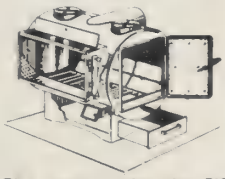

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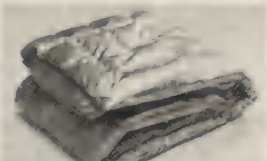

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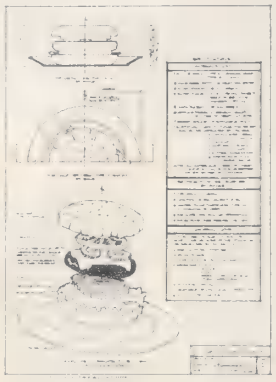

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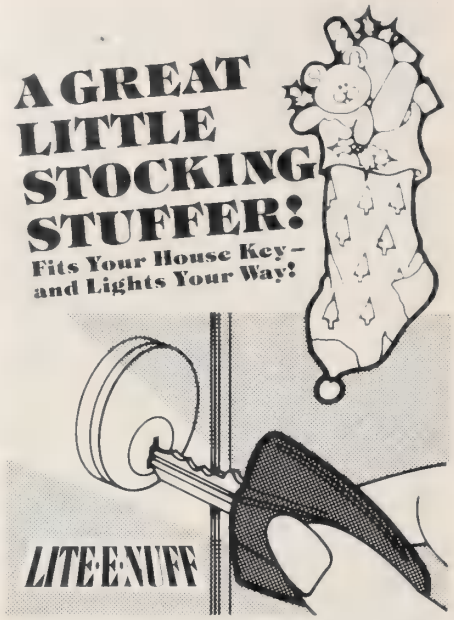

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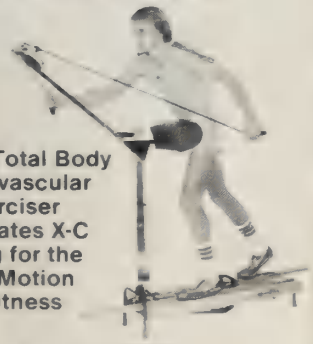

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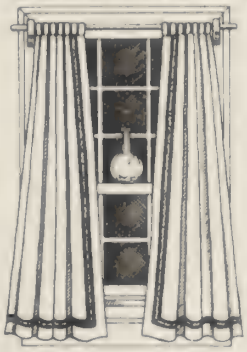

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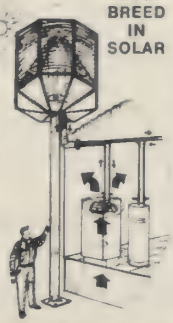

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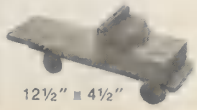

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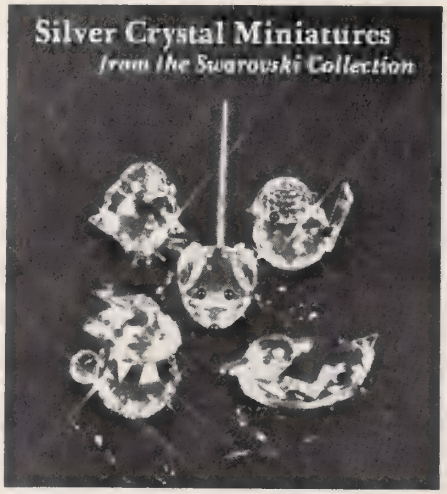

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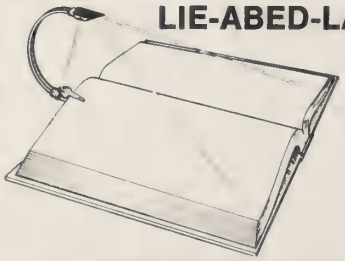

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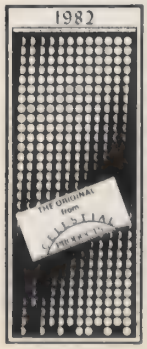

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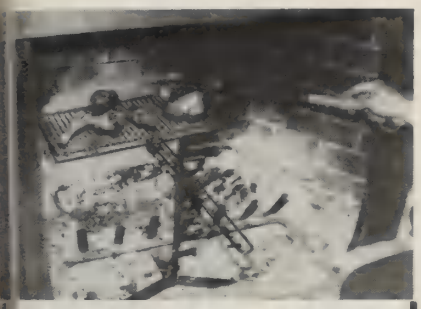

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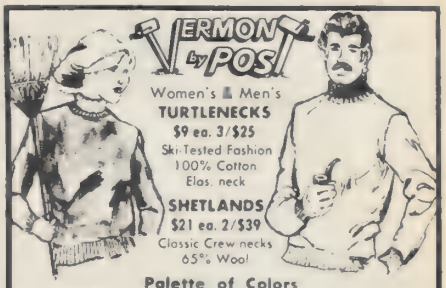

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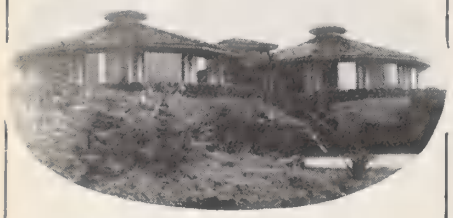

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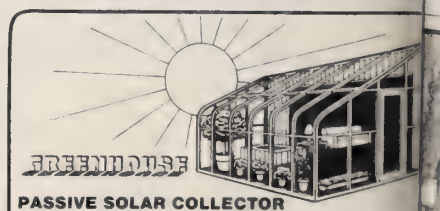

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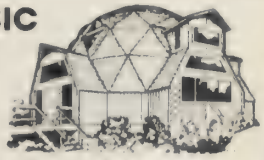

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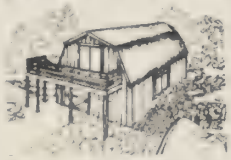

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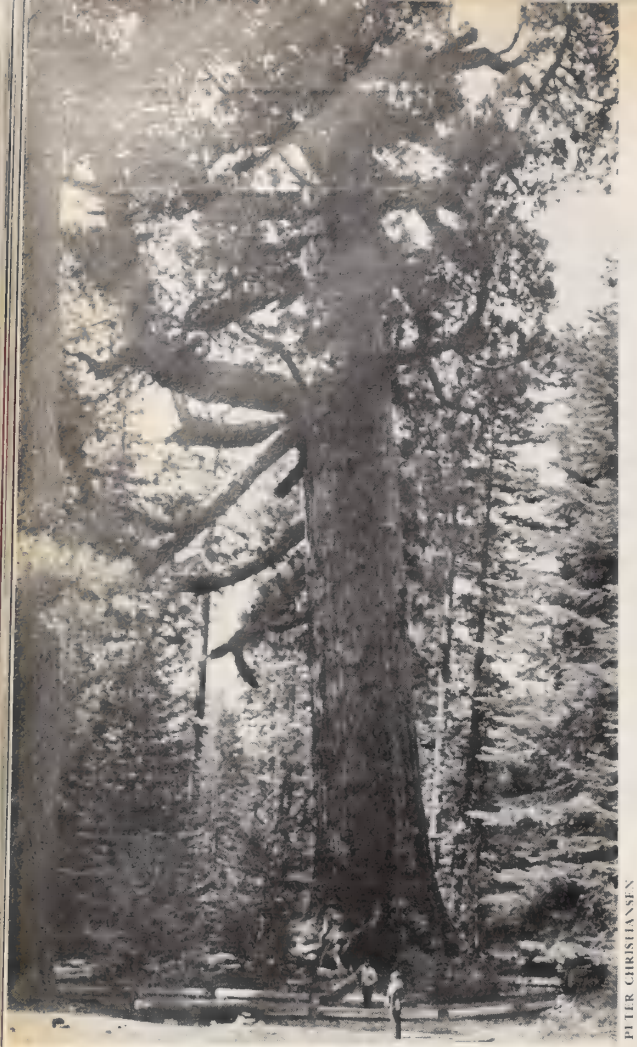

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LETTER FROM *Sunset*

Our Christmas sequoia ...drop by for a look

Giant sequoia trees occupy a special niche in the natural history of t West—and in this issue of *Sunset*. You'll find them on the cover, in t article beginning on page 82, and on this page. Among the largest a oldest living things on earth, the giant sequoia is a fitting subject for o December issue: the oldest sequoias have stood silent witness to Christmases for the last 1,981 years.

Native to the western slope of California's Sierra Nevada, *Sequoiade dron giganteum* is found in some 70 scattered groves at altitudes of 4,6 feet in the northern part of its range (Placer County) to about 8,400 fe in the south (Tulare County). The most massive-trunked tree in t world, it can also attain considerable height (reaching 300 feet a more) and age (perhaps 3,500 years). Congress moved to protect the giants nearly a century ago when it established Yosemite and Sequo national parks.

The article *Sequoia winter magic* (page 82) can help you plan a wint visit to two prominent sequoia preserves: Kings Canyon and Sequo national parks.

Another grand concentration of sequoia grows in the Mariposa Gro of Big Trees in Yosemite National Park. One tree there is pictured your left in Thomas Hill's 1884 painting (now owned by *Sunset*) and a photograph taken this fall. This is the famous "Grizzly Giant," with base diameter of 32½ feet. Yosemite park ranger-naturalist James Sh ley once described Grizzly this way: "It appears to have suffered grea through the centuries from lightning and fire, yet it continues to live a grow." Its estimated age is 2,700 years.

Whether you live in our neighborhood or you are passing by, you invited to view this painting during a Yuletide visit to *Sunset*. By m December you'll find our lobby filled with a noble fir—strung with orn ments from Christmas projects past and present—and our halls deck with holiday crafts and plant arrangements from articles featured this issue.

Menlo Park is 30 miles south of San Francisco. From U.S. 101 (Ba shore Freeway), exit west on Willow Road and follow it a mile to Midd field Road. The guest lobby is on the south side of Willow; parking available just outside and nearby. Hours are 8 to 4 Monday throu Friday (closed holidays), with guided tours of our south building, abo 45 minutes long, running at 10:30, 11:30, 1, 2, and 3.

During your visit, allow time to stroll on your own through our m garden. Among the taller trees, you'll see two 30-year-old specimens giant sequoia—they've been growing in Menlo Park as long as *Sunset* h

WINDOW ON THE WEST: *"Grizzly Giant"*

A prodigious specimen of giant sequoia (also called Sierra redwood) called the "Grizzly Giant" is pictured here as it looks today and as it appeared in 1884 to noted landscape artist Thomas Hill, who made the tree the subject of his painting titled *Among the Giant Redwoods*. This work was recently acquired by *Sunset* to take its place in our Western Tree collection; it and our 13 other tree paintings will be on view at *Sunset* headquarters during the holiday season.

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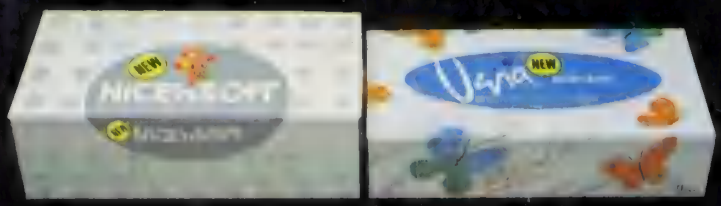

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